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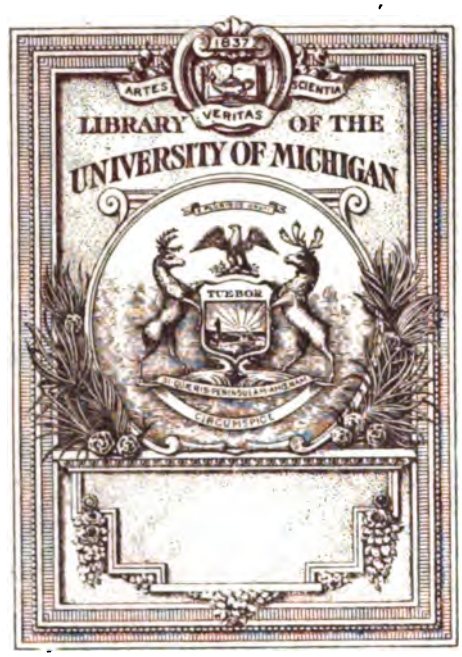

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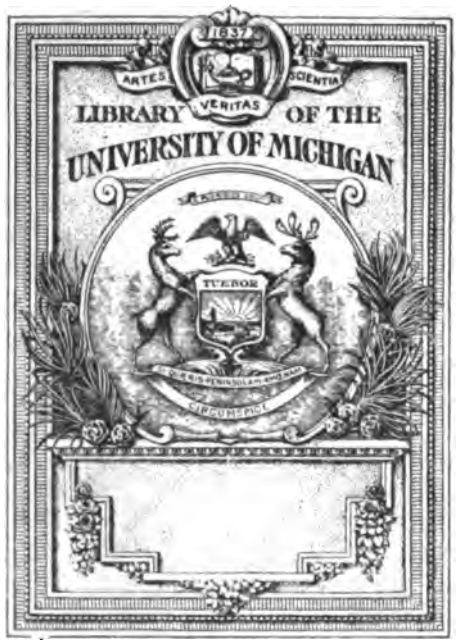
Lansing



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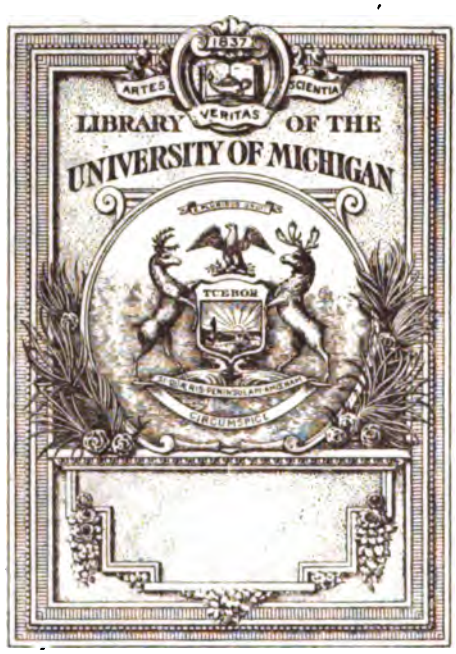

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EIGHTIETH ANNUAL REPORT

OF THE

SUPERINTENDENT OF PUBLIC INSTRUCTION

OF THE

STATE OF MICHIGAN

WITH

ACCOMPANYING DOCUMENTS

FOR

THE YEAR 1916-1917.

BY AUTHORITY

LANSING, MICHIGAN
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS
1917

LETTER OF TRANSMITTAL

STATE OF MICHIGAN,
DEPARTMENT OF PUBLIC INSTRUCTION,
Lansing, June 30, 1917.

To His Excellency, ALBERT E. SLEEPER,
Governor of the State of Michigan:

SIR—In compliance with the provisions of law, I have the honor herewith to transmit through you to the Legislature, the annual report of the Superintendent of Public Instruction, together with the accompanying documents, for the year ending June 30, 1917.

Very respectfully,

Fred L. Keeler

Superintendent of Public Instruction.

321672

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STATE OF MICHIGAN

DEPARTMENT OF PUBLIC INSTRUCTION

1917

FRED L. KEELER	State Superintendent.
JOHN M. MUNSON	Deputy Superintendent.
GEORGE N. OTWELL	Assistant Superintendent.
WILFORD L. COFFEY	Assistant Superintendent.
IDA M. HUSTON	Chief Clerk.
HELEN GENEVIEVE MEST	State Board of Education Clerk.
ELLA M. SMITH	County Normal Supervisor.
ISABELLE M. BECKER	Editor.
J. W. HAZARD	Textbook Clerk.
CHRISTINA M. MacDONALD	Stenographer.
ALTA M. HENDERSON	Stenographer.
A. LOUISE HEEFKENS	Stenographer.
NORMA M. LOEWE	Stenographer.
GRACE B. WALLACE	Chief Statistician.
CORA L. SWEET	Assistant Statistician.
FLORENCE H. WRIGHT	Assistant Statistician.
LOLA WICKS	Assistant Statistician.
WINNIFRED VOORHEIS	Assistant Statistician.
WALTER G. COOPER	Shipping Clerk.
JOHN G. BOHNETT	Janitor and Messenger.

STATE BOARD OF EDUCATION

1917

THOMAS W. NADAL	President.
FRED A. JEFFERS	Vice-President.
FRANK CODY	Treasurer.
FRED L. KEELER	Secretary.

SUPERINTENDENTS OF PUBLIC INSTRUCTION

APPOINTED		HORACE S. TARBELL	1877–1878
JOHN D. PIERCE	1836–1841	CORNELIUS A. GOWER	1878–1881
FRANKLIN SAWYER, JR	1841–1843	VARNUM B. COCHRAN	1881–1883
OLIVER C. COMSTOCK	1843–1845	HERSCHEL R. GASS	1883–1885
IRA MAYHEW	1845–1849	THEODORE NELSON	1885–1887
FRANCIS W. SHEARMAN	1849–1851	JOSEPH ESTABROOK	1887–1891
		FERRIS S. FITCH	1891–1893
ELECTED		HENRY R. PATTENGILL	1893–1897
FRANCIS W. SHEARMAN	1851–1855	JASON E. HAMMOND	1897–1901
IRA MAYHEW	1855–1859	DELOS FALL	1901–1905
JOHN M. GREGORY	1859–1865	PATRICK H. KELLEY	1905–1907
ORAMEL HOSFORD	1865–1873	LUTHER L. WRIGHT	1907–1913
DANIEL B. BRIGGS	1873–1877	FRED L. KEELER	1913 ——

DEPUTY SUPERINTENDENTS OF PUBLIC INSTRUCTION

CORTLAND B. STEBBINS	1859–1878	JASON E. HAMMOND	1893–1897
WILLIAM L. SMITH	1878–1883	DANIEL E. McCLURE	1897–1901
DAVID PARSONS	1883–1885	†WALTER H. FRENCH	1901–1908
WILLIAM L. SMITH	1885–1885	FRED L. KEELER	1908–1913
*W. F. CLERK	1885–1891	JOHN M. MUNSON	1913 ——
HUGH BROWN	1891–1893		

*In place of W. L. Smith, resigned.

†Resigned July 1, 1908.

SUPERINTENDENT'S REPORT

This is the eightieth annual report of the Superintendent of Public Instruction, and is a record of the work of public education in Michigan for the year ending June 30, 1916. Some of the publications of the year are included in this volume.

The statistical tables found at the close of this volume present the statistics of the common schools of Michigan for the year ending July, 1916, as compiled from the reports of township clerks, county commissioners, and city superintendents. In addition statistics relating to the state educational institutions and denominational colleges and schools are included. The reports for the year ending July, 1917, with the exception of the city census reports, are not yet due in the office of the Superintendent of Public Instruction from the county commissioners, who have the work of collecting these reports from the various school districts of their counties. The force of statistical clerks are now at work on the city reports and the work of verifying all will not be completed until the spring of 1918. Thus the reason for publishing in the 1916-17 Report of the Superintendent of Public Instruction statistics for the year ending July, 1916.

Table I gives the summary and comparison of statistics for the years 1915 and 1916. The subjects are grouped under the general heads of Townships and Districts; Census and Enrollment; Schools and Schoolhouses; Teachers and Their Employments, Examination and Certification; Libraries; Financial Summary; Miscellaneous Items. Reference is made to the tables covering each particular group.

Some of the more general items can be reviewed here. At the close of this survey will be found some comparative tables showing the growth along the most general lines during the last five and ten years.

The total school census for the year was 866,570, 99.7 percent of whom shared in the distribution of the primary school interest fund made in July, 1916. A district to share in this apportionment must have maintained school the required number of months and all teachers engaged by the board must have the qualifications required by law. In addition no school district may share in this apportionment, which has an amount of primary money on hand at the close of the previous year sufficient to pay its teaching force and tuition for two years. Thus all but less than one per cent of the schools of the state met these requirements.

The enrollment of those between five and nineteen years of age for the year was 620,861, of which the city and village schools claimed 402,709. To be added to this public school enrollment is the number enrolled in private and parochial schools, 72,982, and the students in the University, normal schools, colleges and various professional and

business schools of the state, 21,300, making a grand total of 715,143 enrolled in all of the schools of the state.

Assuming that the ratio of enrollment in the four grades of the elementary schools has been about the same for the last eight years, it is estimated that 8.7 per cent of those enrolled in the first grade of the elementary school in 1908 reached the eighth grade in 1916, and that 6.3 reached the high school. This estimate is approximate as reports for many of the smaller schools are quite incomplete as well as inaccurate for these items.

The teaching force of the state is divided as follows: elementary and secondary schools 20,979; private and parochial schools 1,721; University, colleges and miscellaneous schools 1,415.

There was paid out for superintendence and instruction in the elementary and secondary schools during the year $12,702,856.47. The average monthly salary paid to teachers in the state was $66.90, men teachers receiving $90.22 and women teachers $61.82. The average duration of school in months was 8.5. The total expenditure for schools was $24,069,811.18. The revenue for this expenditure is derived from district taxes, interest on the primary school interest fund, specific taxes, tuition, and miscellaneous sources. The total amount raised by the districts by one mill and voted tax was $14,081,080.84. The amount expended for public schools on each one hundred dollars of the assessed valuation of all property is estimated to be eighty-five cents. The reports on the assessed valuation of all property received here, were not complete, consequently the latter statement is estimated.

The estimated value of the school property in the state for 1916 was $57,930,121.00 with 116 new buildings under construction in 1917 at an estimated cost of $4,007,208.00.

The work of the County Normal Training Classes in the state of which there were forty-nine in the year 1916 is discussed in another chapter of this volume.

Fifteen Day Schools for the Deaf were maintained in as many cities, with an enrollment of 266. These classes supplement the work of the State School for the Deaf, located in Flint.

Six thousand six hundred sixty-eight libraries were reported operating under Act 4752 of the General School Laws. Two hundred twenty of these were Township Libraries. Eighty-eight per cent then of the districts of the state were maintaining libraries voted by the people of the districts. It is known that beside these regularly established libraries there are many which are begun and kept up largely through the interest of the teachers and the pupils in giving socials and other entertainments. Communities are often seemingly too indifferent to vote that these libraries shall come under the general school act and thus become participants in the annual distribution of the penal fine money. Besides the $165,922.53 of this money distributed to the various districts during the year there was $126,463.10 raised by district tax, and $18,023.60 by township tax, for the support of libraries. In all $303,211.71 was expended during the year for library purposes.

TABLE I

Comparative summary showing school census, enrollment and percentage of attendance for all public elementary and secondary schools for the years 1906, 1911, 1916.

Census			Enrollment			Percentage of attendance for state		
1906	1911	1916	1906	1911	1916	1906	1911	1916
747,887	783,780	866,570	530,343	545,279	620,861	.69	.75	.88

TABLE II

Comparative table showing school census, enrollment and percentage of attendance of city and village schools for the years 1906, 1911, 1916.

Census			Enrollment			Percentage of attendance		
1906	1911	1916	1906	1911	1916	1906	1911	1916
430,586	478,967	561,356	303,930	334,606	410,169	.84	.84	.88

TABLE III

Comparative table showing increase in number teachers employed, salaries paid, in all schools, and in the city and village schools for the years 1906, 1911, 1916.

Number teachers in all schools			Number teachers in city and village schools			Average monthly salary paid (all schools)			Average monthly salary paid (city and village schools)		
1906	1911	1916	1906	1911	1916	1906	1911	1916	1906	1911	1916
16,924	18,202	20,979	7,991	9,987	12,758	$45 98	$57 19	$66 90	$55 48	$66 80	$77 33

TABLE IV

Comparative table showing cost per capita for instruction and total expense per capita based on census and enrollment in all schools and in city and village schools for years 1906, 1911, 1916.

Cost per capita for instruction based on census (all districts)			Cost per capita for instruction based on enrollment (all districts)			Total cost per capita based on enrollment (all districts)			Cost per capita for instruction based on enrollment in city and village schools			Total cost per capita based on enrollment in city and village schools		
1906	1911	1916	1906	1911	1916	1906	1911	1916	1906	1911	1916	1906	1911	1916
$8 50	$11 90	$14 66	$11 98	$17 01	$20 46	$19 99	$28 38	$38 77	$13 82	$19 22	$23 00	$24 95	$33 92	$46 02

TABLE V

Comparative table showing number schoolhouses, valuation, condition and equipment for the years 1906, 1911, 1916.

Number			Valuation			Number of houses properly heated and ventilated			Number of houses with necessary equipment		
1906	1911	1916	1906	1911	1916	1906	1911	1916	1906	1911	1916
8,331	8,649	8,840	$27,593,590	$36,701,325	$57,930,121	3,192	2,479	3,815	7,178	7,188	7,630

WHAT MICHIGAN PAYS FOR EDUCATION

Amount drawn from the state and local treasuries during the fiscal year ending June 30, 1917, for educational purposes as shown by the records in the Auditor General's office:

University	$1,434,385 00
Michigan Agricultural College	671,000 00
Michigan State Normal College	295,000 00
Central Michigan Normal School	96,000 00
Northern Michigan Normal School	64,500 00
Western Michigan Normal School	150,000 00
Michigan College of Mines	61,103 33
Michigan School for the Blind	92,450 91
Michigan School for the Deaf	99,701 25
Day Schools for the Deaf	19,445 60
County Schools of Agriculture	8,000 00
County Normal Schools	50,000 00
Amount of primary money	6,225,573 00
Amount received for school maintenance from county and township funds	12,875,321 88
Amount paid by State for fiscal year ending June 30, 1917	$22,142,480 97

BULLETINS AND PAMPHLETS

Published by the Department of Public Instruction

Bulletin No. 1. County normal manual and course of study.
Bulletin No. 2. Physical training for the city schools.
Bulletin No. 3. Examination questions for the year.
Bulletin No. 4. The teaching of reading.
Bulletin No. 5. Art education.
Bulletin No. 6. Certification of teachers.
Bulletin No. 7. Five lessons on tuberculosis.
Bulletin No. 8. Township unit system.
Bulletin No. 9. Michigan Standard Schools.
Bulletin No. 10. Word study and spelling.
Bulletin No. 11. Labor law.
Bulletin No. 12. High school course of study.
Bulletin No. 13. Explanations of school laws, digest, forms, procedures.
Bulletin No. 15. Compulsory education.
Bulletin No. 16. County teachers' examinations and eighth grade examinations.
Bulletin No. 23. School legislation.
Bulletin No. 29. Law for graded schools.
Bulletin No. 37. Seventy-five common birds of Michigan.
Bulletin No. 39. Juvenile corn growing associations.
Bulletin No. 44. Agriculture in rural schools.
Bulletin No. 45. Third grade arithmetic.
Bulletin No. 46. Fourth grade arithmetic.
Bulletin No. 47. Fifth grade arithmetic.
Bulletin No. 48. Sixth grade arithmetic.
Bulletin No. 51. Planting plans for school grounds.
Bulletin No. 54. Rural schoolhouses, building plans, requirements, suggestions.
Bulletin No. 55. Lincoln's Gettysburg Address.
Bulletin No. 56. The Chambered Nautilus.
Library list for district schools.
Library list for township and high school libraries.
Supplementary catalog of library books.
Manual and course of study for elementary schools.
Memorial Day.
Special Day Programs.
Why Michigan is Great.
Safety First.
School law.
National songs.
Don't Die on Third.
List of textbooks and prices, 1917.
James B. Angell, Memorial Day.
Educational institutions of Michigan.

MASTERPIECES FOR TEACHERS' EXAMINATIONS

The following masterpieces have been made the basis for teachers' examinations in reading:

March, 1901 To a Waterfowl. Bryant.
June, 1901 Evangeline (Selections from). Longfellow.
August, 1901 Enoch Arden. Tennyson.
October, 1901 Elegy. Gray.
March, 1902 Vision of Sir Launfal. Lowell.
June, 1902 The Courtship of Miles Standish. Longfellow.
August, 1902 Merchant of Venice. Shakespeare.
October, 1902 Deserted Village. Goldsmith.
March, 1903 Vision of Sir Launfal. Lowell.
June, 1903 Sesame. Ruskin.
August, 1903 American Scholar. Emerson.
October, 1903 A Rill from the Town Pump. Hawthorne.
March, 1904 Canto V, Lady of the Lake. Scott.
June, 1904 Cotter's Saturday Night. Burns.
August, 1904 Act III, Julius Caesar. Shakespeare.
October, 1904 Thanatopsis. Bryant.
March, 1905 Silas Marner. Eliot.
June, 1905 Legend of Sleepy Hollow. Irving.
August, 1905 Elegy. Gray.
October, 1905 Oration at Laying the Corner Stone of the Bunkerhill Monument. Webster.
June, 1906 Act III, Hamlet. Shakespeare.
August, 1906 Intimations of Immortality. Wordsworth.
October, 1906 Gray Champion. Hawthorne.
June, 1907 Speech on Conciliation of American Colonies. Burke.
August, 1907 Princess. Tennyson.
October, 1907 Ode to a Skylark. Shelley.
June, 1908 Birds, Bees and Sharp Eyes. Burroughs.
August, 1908 Comus. Milton.
October, 1908 The Raven. Poe.
June, 1909 Lady of the Lake. Scott.
August, 1909 Sketch Book. Irving.
October, 1909 Snow-Bound. Whittier.
June, August, October, 1910. Reading in the Public Schools. Briggs and Coffman.
June, 1911 Julius Caesar. Shakespeare.
August, 1911 The Coming of Arthur. Tennyson.
April, August, 1912 Introduction to the Study of Literature. Hudson.
April, August, 1913 The Merchant of Venice. Shakespeare.
April, 1914 Silar Marner. Eliot.
August, 1914 Enoch Arden. Tennyson.
April, 1915 The House of the Seven Gables. Hawthorne.
August, 1915 The American Scholar. Emerson.

April, 1916 The Man Without a Country. Hale.
August, 1916 Ode to a Nightingale. Keats.
April, August, 1917 The Teaching of Reading. Bulletin No. 4.

MASTERPIECES FOR EIGHTH GRADE EXAMINATIONS

The following have been made the basis for eighth grade examinations in reading:

May, 1901 Concord Hymn. Emerson.
Feb., 1902 Snow-Bound. Whittier.
May, 1902 Planting of the Apple Tree. Bryant.
May, 1903 Great Stone Face. Hawthorne.
May, 1904 Paul Revere's Ride. Longfellow.
May, 1905 Barefoot Boy. Whittier.
May, 1906 Landing of the Pilgrims. Hemans.
May, 1907 Rip Van Winkle. Irving.
May, 1908 The Chambered Nautilus. Holmes.
May, 1909 Hiawatha. Longfellow.
May, 1910 Lady of the Lake. Scott.
May, 1911 Evangeline. Longfellow.
May, 1912 Miles Standish. Longfellow.
May, 1913 Snow-Bound. Whittier.
May, 1914 The Vision of Sir Launfal. Lowell.
May, 1915 The Chambered Nautilus. Holmes.
Lincoln's Gettysburg Address.
May, 1916 The Birds of Killingworth. Longfellow.
May, 1917 Tubal-Cain. Mackay.

MASTERPIECES FOR TEACHERS' EXAMINATIONS

The following masterpieces have been made the basis for teachers' examinations in reading:

March, 1901 To a Waterfowl. Bryant.
June, 1901 Evangeline (Selections from). Longfellow.
August, 1901 Enoch Arden. Tennyson.
October, 1901 Elegy. Gray.
March, 1902 Vision of Sir Launfal. Lowell.
June, 1902 The Courtship of Miles Standish. Longfellow.
August, 1902 Merchant of Venice. Shakespeare.
October, 1902 Deserted Village. Goldsmith.
March, 1903 Vision of Sir Launfal. Lowell.
June, 1903 Sesame. Ruskin.
August, 1903 American Scholar. Emerson.
October, 1903 A Rill from the Town Pump. Hawthorne.
March, 1904 Canto V, Lady of the Lake. Scott.
June, 1904 Cotter's Saturday Night. Burns.
August, 1904 Act III, Julius Caesar. Shakespeare.
October, 1904 Thanatopsis. Bryant.
March, 1905 Silas Marner. Eliot.
June, 1905 Legend of Sleepy Hollow. Irving.
August, 1905 Elegy. Gray.
October, 1905 Oration at Laying the Corner Stone of the Bunkerhill Monument. Webster.
June, 1906 Act III, Hamlet. Shakespeare.
August, 1906 Intimations of Immortality. Wordsworth.
October, 1906 Gray Champion. Hawthorne.
June, 1907 Speech on Conciliation of American Colonies. Burke.
August, 1907 Princess. Tennyson.
October, 1907 Ode to a Skylark. Shelley.
June, 1908 Birds, Bees and Sharp Eyes. Burroughs.
August, 1908 Comus. Milton.
October, 1908 The Raven. Poe.
June, 1909 Lady of the Lake. Scott.
August, 1909 Sketch Book. Irving.
October, 1909 Snow-Bound. Whittier.
June, August, October, 1910. Reading in the Public Schools. Briggs and Coffman.
June, 1911 Julius Caesar. Shakespeare.
August, 1911 The Coming of Arthur. Tennyson.
April, August, 1912 Introduction to the Study of Literature. Hudson.
April, August, 1913 The Merchant of Venice. Shakespeare.
April, 1914 Silar Marner. Eliot.
August, 1914 Enoch Arden. Tennyson.
April, 1915 The House of the Seven Gables. Hawthorne.
August, 1915 The American Scholar. Emerson.

Gobleville	1918
Grand Ledge	1917
Grand Rapids:	
Central	1917
Union	1917
Calvin College	1919
Sacred Heart	1918
Catholic High School for Girls	1917
Catholic High School for Boys	1918
Grandville	1918
Grayling	1917
Greenland	1917
Greenville	1918
Grosse Isle	1918
Gwinn	1918
Hancock	1917
Harbor Beach	1917
Harbor Springs	1917
Hart	1918
Hartford	1917
Hastings	1918
Highland Park	1919
Hillsdale	1917
Holland	1918
Holly	1918
Homer	1918
Hopkins	1917
Houghton	1917
Howard City	1917
Howell	1918
Hudson	1919
Imlay City	1918
Ionia	1919
Iron Mountain	1917
Iron River	1919
Ironwood:	
High School	1917
St. Ambrose Academy	1918
Ishpeming	1918
Ithaca	1918
Jackson:	
High School	1917
St. Mary's School	1917
Jonesville	1917
Kalamazoo:	
High School	1918
Normal Preparatory	1919
Nazareth Academy	1917
Kalkaska	1918
Kent City	1918
L'Anse	1917
Lake City	1918
Lake Linden	1917
Lake Odessa	1918
Lakeview	1917
Lansing:	
High School	1918
St. Mary's School	1917
Lapeer	1918
Lawrence	1918
Lawton	1917
Leslie	1917
Linden	1918
Litchfield	1917
Lowell	1918
Ludington:	
High School	1917
St. Simons School	1917
Mancelona	1917
Manchester	1917
Manistee	1917
Manistique	1918
Manton	1918
Marine City	1917
Marion	1918
Marlette	1917
Marquette	1917
Marcellus	1918
Marshall	1917
Mason	1918
Mendon	1918
Menominee	1917
Middleville	1917
Midland	1919
Milan	1917
Milford	1917
Millington	1918
Monroe:	
High School	1917
St. Mary's Academy	1917
Morenci	1917
Montgomery	1918
Mt. Clemens:	
High School	1917
St. Peter's School	1918
Mt. Pleasant:	
High School	1917
Central Michigan Normal Preparatory	1918
Sacred Heart	1917
Muskegon:	
High School	1918
St. Mary's School	1917
Munising	1917
Nashville	1918
Negaunee	1918
Newaygo	1918
New Baltimore	1918
Newberry	1918
Niles	1917
North Adams	1917
North Branch	1918
Northville	1917
Norway	1919
Olivet	1918
Onaway	1917
Ontonagon	1919
Orion	1917
Otsego	1917
Ovid	1918
Owosso	1917
Oxford	1917
Painesdale	1917
Paw Paw	1918
Pellston	1918
Pentwater	1918
Petoskey	1918
Pinckney	1917
Plainwell	1917
Plymouth	1918
Pontiac	1918
Port Huron	1917
Portland	1917
Quincy	1918
Rapid River	1918
Reading	1917
Reed City	1918
Republic	1917
Richmond	1917
River Rouge	1918

Rochester	1918
Rockford	1918
Rockland	1918
Romeo	1918
Royal Oak	1919
St. Charles	1917
St. Clair	1917
St. Ignace	1917
St. Johns	1917
St. Joseph	1917
St. Louis	1918
Saginaw:	
High School East Side	1917
St. Mary's School	1918
SS. Peter and Paul's School	1918
Arthur Hill School	1917
Saline	1918
Sandusky	1918
Saugatuck	1917
Sault Ste. Marie	1917
Saranac	1918
Schoolcraft	1917
Scottville	1917
Sebewaing	1918
Shelby	1918
Shepard	1917
South Grand Rapids	1919
South Haven	1917
South Lyon	1918
Sparta	1917
Spring Arbor Academy	1918
Stambaugh	1917
Standish	1917
Stanton	1918
Stephenson Township High School	1917
Stockbridge	1917
Sturgis	1918
Tecumseh	1917
Tekonsha	1917
Three Oaks	1918
Three Rivers	1919
Traverse City	1917
Trenton	1918
Union City	1918
Vassar	1917
Vermontville	1918
Vicksburg	1918
Vulcan	1918
Wakefield	1918
Watervliet	1917
Wayne	1917
West Branch	1918
Williamston	1918
White Pigeon	1918
Whitehall	1918
Wolverine	1918
Wyandotte	1918
Yale	1918
Ypsilanti:	
High School	1917
State Normal College Preparatory	1918
Zeeland	1918

STANDARD SCHOOLS AND NEW ONE AND TWO-ROOM BUILDINGS

Counties	Number of standard schools		One and two-room buildings erected since April 1, 1915
	1916	1917	
Totals	285	429	133
Alcona		0	2
Alger		0	1
Allegan	35	51	3
Alpena			2
Antrim	1	1	1
Arenac	0	2	1
Baraga	3	4	3
Barry	4	4	1
Bay	1	1	4
Benzie		1	0
Berrien	7	9	2
Branch	7	8	0
Calhoun	1	2	1
Cass	2	2	0
Charlevoix	4	7	0
Cheboygan	12	12	2
Chippewa			
Clare		0	4
Clinton		0	1
Crawford		0	0
Delta		7	4
Dickinson	2	16	5
Eaton	2	2	0
Emmet	0	6	2
Genesee	5	10	4
Gladwin			3
Gogebic	0	0	5
Grand Traverse	5	5	1
Gratiot	0	2	1
Hillsdale			
Houghton		0	0
Huron		0	1
Ingham	5	10	3
Ionia	9	9	1
Iosco	1	1	
Iron	9	10	4
Isabella	4	6	1
Jackson	2	4	1
Kalamazoo	1	1	
Kalkaska	1	2	1
Kent	10	15	2
Keweenaw		0	0
Lake		1	0
Lapeer			3
Leelanau		3	1
Lenawee	1	3	
Livingston		1	1
Luce			2
Mackinac		0	0
Macomb		0	0

1916.

LAKE SUPERIOR
DEPT OF PUBLIC INSTRUCTION
MAP OF
MICHIGAN
SHOWING
STANDARD SCHOOLS
LAKE MICHIGAN
LAKE ERIE

1917.

LAKE SUPERIOR
LAKE MICHIGAN
LAKE HURON
DEPT OF PUBLIC INSTRUCTION
MAP OF
MICHIGAN
SHOWING
STANDARD SCHOOLS

STANDARD SCHOOLS.—*Concluded*

Counties	Number of standard schools		One and two-room buildings erected since April 1, 1915
	1916	1917	
Manistee	3	4	1
Marquette	15	15	.....
Mason	16	22	1
Mecosta	6	9	2
Menominee	4	4	5
Midland	1	2	3
Missaukee	2	4	2
Monroe	.....	1	3
Montcalm	.....	1	2
Montmorency	.....	0	1
Muskegon	9	14	2
Newaygo	13	14	3
Oakland	14	22	4
Oceana	4	4	0
Ogemaw	.....	0	3
Ontonagon	.....	0	.....
Osceola	.....	0	0
Oscoda	.....	0	2
Otsego	.....	.....	.....
Ottawa	22	30	5
Presque Isle	.....	0	1
Roscommon	.....	0	3
Saginaw	7	10	2
St. Clair	1	1	2
St. Joseph	2	3	1
Sanilac	1	4	1
Schoolcraft	.....	.....	2
Shiawassee	3	3	2
Tuscola	5	8	1
Van Buren	4	12	0
Washtenaw	5	7	1
Wayne	10	12	3
Wexford	4	5	1

SUPREME COURT DECISIONS RELATING TO SCHOOLS AND SCHOOL DISTRICTS

Act No. 302, Public Acts of 1915, laying a privilege tax on automobiles operated on public highways, and exempting them from all other taxes, does not violate Art. 10, Sec. 1, Constitution, requiring that all subjects of taxation contributing to school funds shall continue to do so.

JASNOWSKI v. DILWORTH, 157 N. W. 891.

The board of education of the city of Grand Rapids, organized under Local Act No. 593, 1905, and amendments thereto, is an instrumentality of the state for educational purposes only, although vested with power to acquire and hold title to property, sue and be sued.

Such school board is not liable for injuries to pupils resulting from faulty construction of a school building and failure to correct the fault, although it may have used the building or permitted it to be used for public gatherings with or without rent.

Nor are the individual members of such school board liable for such injuries.

DANIELS v. BOARD OF EDUCATION, 158 N. W. 23.

The schoolrooms of a city governed by special charter (Cadillac) are not to be counted in determining the commissioner's salary under Act No. 148, P. A. 1905 or Act No. 247, P. A. 1909.

FAUNCE v. WEXFORD COUNTY, 158 N. W. 866.

The state's general policy has been to retain control of its school system and administer it through local state agencies independently of the local governments with which, however, such agencies are closely associated.

The legislature may redistribute the powers of boards of education and local governments over the conduct of public schools.

Boards of education are governed by the general school laws except as plainly affected by some special enactment, under Compl. Laws 1897, Sec. 4774, making the general school laws applicable unless inconsistent with some special act.

City electors cannot dissolve or alter the powers of their board of education by adopting a new charter under Home Rule Law (Pub. Act No. 279, 1909), Sec. 4, which specifically excepts public school departments from alteration thereunder.

Home Rule Law (Sec. 3), allowing cities to reduce the number of wards to one when adopting a new charter, presumably contemplated that the number of members of the board of education might change accordingly.

Under Sec. 5, Act No. 31, P. A. 1909, declaring that school districts are presumably legally organized after two years' exercise of a district's franchises, etc., school board members, selected in accordance with

both the city's old and new charters, and acting for over five years, constitute a de jure school board.

Act No. 150, P. A. 1915, empowering school districts with a certain population to borrow money and repealing inconsistent acts, repeals the old Port Huron charter, authorizing the city to bond for school purposes. Such act is not unconstitutional because based upon a classification of school districts according to population.

MacQUEEN v. CITY COMMISSION OF CITY OF PORT HURON, 160 N. W. 627.

Act No. 174, P. A. 1915, the teachers' pension law, is not unconstitutional.

FELLOWS v. CONNOLLY, 160 N. W. 581.

Under General Tax Law, Sec. 46, providing that in cities where some special provision is made for a demand and collection of taxes the collector shall comply with such special provision, otherwise be bound by the provisions of that act, a new city charter which repealed the old charter except the provisions relating to schools, which it expressly kept in force, is not invalid as failing to provide for levy, collection, and return of school taxes in conformity with the general laws of the state.

KOPCZYNSKI v. SCHRIBER, 161 N. W. 238.

Where plaintiffs agreed to and did manufacture interior finish in conformity with the plans and specifications of the architect, which finish was furnished to defendant contractor, they were "subcontractors."

Under Act No. 187, P. A. 1905, Sec. 2, providing that in the case of a subcontractor he shall give notice in writing, before payment is made for the work or materials furnished by him, to the school board that he is a subcontractor and that he relies upon the security of the bond given by the principal contractor, and the subcontractor shall also notify the principal contractor that he has given such notice and shall be entitled, subject to the rights of the persons with whom he has contracted for labor and materials, to the benefit of the security given by the principal contractor, a notice advising the board of education that the plaintiffs had furnished, to a contractor for school building, certain material, part of which was unpaid for, and that they would appreciate advices on the standing of the contractor, sufficiently complied with the requirement of notice of the work, and, where the board of education was taking over the contract, the requirement that the subcontractor shall notify them that he relies on the security of the bond and shall then notify the principal contractor of the notice need not be fulfilled.

PEOPLE v. CONNELL, 161 N. W. 844.

Annexation of territory to the city of Detroit under the Home Rule Act can have no effect on the school districts or school bonds which can be affected only by the township boards and the Detroit Board of Education.

COLLINS v. CITY OF DETROIT, 161 N. W. 905.

Annexation to city of Grand Rapids, under Home Rule Act of territory within boundaries of school corporations organized under general school law, does not work annexation of such territory to school district of city, as boundaries of school districts can be changed only in pursuance of Public Acts 1909, No. 86. Resident of such annexed portion of city is not entitled to send his children to school in city school district without payment of tuition.

BOARD OF EDUCATION v. BACON, 162 N. W. 416.

EFFICIENCY OF SCHOOL OFFICERS

It is proper to speak here of the increasing efficiency of the school officers of the state. Michigan has over 7,000 school districts and more than 21,000 school officers. There is perhaps no body of public officers that assumes so many important responsibilities and discharges them so well, and with practically no compensation. The Superintendent of Public Instruction is in a position to know how every school officer discharges the duties of his office, for every school district must report to the Department of Public Instruction. While it is inevitable that instances of error and inefficiency appear now and then, such instances are so rare as to be almost negligible. The general spirit and attitude of school officers are most commendable. They cooperate with the Superintendent of Public Instruction in all things.

The most important factor in bringing about this condition of efficiency and cooperation is the school officers' institute. A representative of the Department of Public Instruction meets the school officers of each county every year. Each school district is authorized by law to send a representative to this institute and pay his expenses and per diem. At these meetings officers are given instruction in the school law of the state and how to perform their duties under it. Also, especial attention is given to the rural school building and its proper equipment. There is in progress a very wide and consistent movement for the improvement of rural school buildings. This comes very directly from the school officers' institutes. School officers return from the institute to the home districts with inspiration and ideas which they convey to the patrons. The result is very often a new building or the improvement of an old one.

In this connection it should be noted also that school boards are becoming more and more discriminating in the hiring of teachers for their schools. Fortunately it is possible for school officers to obtain trained teachers for the rural schools. Fifty counties in Michigan now maintain county normal training classes, and the graduates of these classes are in urgent demand. It is not the rule any more that school boards try to get a teacher as cheap as they can. It is now becoming the rule that they try to get a teacher as good as they can.

NEW LEGISLATION AFFECTING SCHOOL MATTERS

The legislature of 1917 enacted several laws which directly and indirectly concern the educational system of Michigan. All of this legislation is of a constructive nature and will help to perfect the operation of our educational system. Two of the laws enacted are of such importance that they deserve especial mention here.

Act No. 189 accepts the requirements and benefits of the Smith-Hughes law, passed by the last Congress and approved February 23, 1917. This law provides Federal aid for the teaching of agriculture, home economics and the trades and for the training of teachers for such branches. It requires that any state which wishes to avail itself of the benefits of this act must create or designate a board which shall administer the law within the state. In creating such a board the last legislature provided that it is to be composed of the Superintendent of Public Instruction, the president of the State Board of Education, the president of the University of Michigan and the president of the Michigan Agricultural College. The rules and regulations which shall govern the administration of the law in Michigan will be formulated by this State Board of Control, subject to the approval of the Federal board which has the administration of the Smith-Hughes law in charge. The Smith-Hughes act appropriates money for three purposes:

(a) *For Salaries of Agricultural Teachers.* The sum allotted to each state will be in the proportion which its *rural population* bears to the *total rural population* of the United States. In the case of Michigan this is 3.01 percent.

(b) *For the Salaries of Teachers of Home Economics, Trade and Industrial Teachers.* The sum allotted to each state will be in the proportion which its *urban population* bears to the *total urban population* of the United States. In the case of Michigan this is 3.11 percent.

(c) *For the Training of Teachers for Vocational Work.* The sum allotted to each state will be in the proportion which its *total population* bears to the *total population* of the United States. In the case of Michigan this is 3.05 percent.

Funds for the purposes above stated may be obtained from the Federal Government by act of the state legislature. Such act of the legislature must provide for a "Board of Control for Industrial Education." Such act must also provide that the state, the local community, or both, will appropriate a sum equal to the amount to be received from the Federal Government.

The data that follows indicates how the provisions of the "Smith-Hughes Act" will apply in Michigan for the first ten years and annually thereafter.

Under the provisions of the Smith-Hughes Law the Federal Government will grant to the state of Michigan funds as follows:

For salaries for teachers of trade and home economics		For salaries of teachers of agriculture		For the training of teachers		For all purposes
Minimum 1917-18	Maximum 1926-27 and annually thereafter	Minimum 1917-18	Maximum 1926-27 and annually thereafter	Minimum 1917-18	Maximum 1926-27 and annually thereafter	For ten years
$15,550	$93,300	$15,050	$90,300	$15,250	$30,500	$1,333,250

The total amount that will be granted for all purposes for each of the first ten years will be as follows:

1918	$45,850
1919	67,250
1920	88,650
1921	107,000
1922	122,300
1923	137,600
1924	152,900
1925	183,500
1926	214,100
1927	214,100
Total for ten years.	$1,333,250

It is clear that the operation of the Smith-Hughes law will be far-reaching in its results. The Federal aid and state aid to industrial and vocational education will assist very materially in maintaining schools which give training in these important lines. Our state as a whole has passed its pioneer stage. The system of education which once was adequate for the training of its citizens must be enlarged upon. It is very gratifying that at such a juncture the training for industrial pursuits is to be given such substantial support from the nation and the state.

It is becoming more and more evident that the one-room rural school is failing to meet the needs of many communities. As a pioneer institution the one-room school served well. With improved methods of transportation, better roads and increased demands upon the rural school, it is evident that a different organization is necessary. Districts must unite to form a larger unit for taxing purposes. School buildings that will take care of more children and which will meet some of the demands of the community along educational and social lines are needed. Teachers that are trained to teach special subjects are required. So far, however, very little has been done in Michigan to consolidate its rural schools. Act No. 226, passed by the last legislature, is calculated to assist in the consolidation of rural schools. This act provides state aid for the transportation of children in consolidated districts and also gives financial assistance to schools which are organ-

ized in accordance with the provisions of this act. The important thing in the law is that it commits the state to the policy of encouraging consolidation, and with consolidation will come better instruction in agriculture, home economics and other subjects which have assumed foremost importance. The law perhaps contains many imperfections. These, however, can be eliminated in time.

It is evident that Act No. 189 and Act No. 226 together make possible and encourage a constructive program which is going to produce gratifying results.

The following is a brief synopsis of the laws affecting educational interests of the state, which were enacted by the recent legislature and, unless otherwise designated, will go into effect August 10, 1917:

Act No. 5 authorizes townships and incorporated villages to borrow money and issue bonds for the purpose of establishing free public libraries. The township board of any organized township and the village council, or board of trustees of any incorporated village are authorized and empowered, upon the application of not less than twenty-five qualified electors of such township or incorporated village, to borrow a sum of money not exceeding one per cent of the assessed valuation and to issue bonds therefor for the purpose of establishing a free public library, purchasing a site for the same or constructing buildings thereon: Provided, That a majority of the voters of such township or incorporated village vote in favor thereof. This act is ordered to take immediate effect.

Act No. 7 amends section 17 of Chapter 2 of Act No. 164 of the Public Acts of 1881 as amended so that the qualifications for voters at school elections provided for in this act shall include cities of the fourth class.

Act No. 10 amends Chapter 22 of Act No. 215 of the Public Acts of 1895 as amended so that the qualifications for voters in school elections of cities of the fourth class shall be prescribed by the general school law.

Act No. 11 amends section 1 of Act No. 65 of the Public Acts of 1909 as amended which provides for the payment of tuition in and transportation to another district, of children who have completed the eighth grade in any school district. The tuition may be paid to any high school approved by the Superintendent of Public Instruction, not exceeding in amount $25 per pupil per year.

Act No. 13 amends section 1 of Act No. 136 of the Public Acts of 1893 as amended, and provides that the State Board of Education may grant teachers' certificates to graduates of approved colleges of other states.

Act No. 15 amends section 1 of Chapter 10 of Act No. 164 of the Public Acts of 1881 as amended, and provides that any school district may vote to organize as a graded district when the district contains seventy-five children between the ages of five and twenty years.

Act No. 18 provides for the consolidation of school districts in territory annexed to cities with the school districts of such cities.

Act No. 21 amends section 10 of Act No. 147 of the Public Acts of 1891 as amended which fixes the compensation of the county commissioner of schools so that the compensation shall not be fixed at a sum less than $500 per annum in any county where there are thirty schoolrooms and that in estimating the number of schoolrooms in any county

all graded schools, whether operating under a general or special charter, shall be included.

Act No. 22 amends section 2 of Chapter 1 of Act No. 164 of the Public Acts of 1881 as amended, and provides for a second Assistant Superintendent of Public Instruction. This act is ordered to take immediate effect.

Act No. 48. The board of education of any school district whose population is not less than 15,000 and not more than 100,000 wherein taxes authorized to be raised for school purposes are based upon a rate per capita for each child of school age, is authorized to impose a tax upon the taxable property of the district for the purpose of paying the ordinary expenses of conducting its schools and of paying all or any part of the principal and interest on the bonded indebtedness of the district.

Act No. 136 amends section 2 of Act No. 161 of the Public Acts of 1911 so that the question to approve the consolidation of two or more districts can be voted upon at either an annual or a special meeting. This act is ordered to take immediate effect.

Act No. 137 authorizes the Superintendent of Public Instruction to supervise and direct the instruction and training of the inmates in all public institutions in the state where juvenile delinquents are confined or detained by order of any court, parent or guardian; and provides that the Superintendent of Public Instruction shall prescribe the course of study for each institution.

Act No. 138 gives the board of supervisors of any county power to establish a public library free for the use of inhabitants of such county, or they may contract for the use for such purposes of a public library already established within the county; and for the purpose of supporting a county library the board may annually levy a tax of not more than one-half mill on the dollar of the taxable property of the county to be levied and collected in like manner as other taxes in said county and to be known as the library fund. For the purpose of administrating the county library fund in case a county library is established there shall be a library board consisting of five members,—the county commissioner of schools and four other members to be appointed by the board of supervisors.

Act No. 141 provides for the organization of all territory within the city limits into the school district of said city. This act applies to cities having a population of over 100,000 and less than 250,000. This act also provides for the board of education for such districts and prescribes the powers and duties of such board.

Act No. 146 authorizes boards of education of cities of more than 30,000 to provide for advanced courses of study for high school graduates, the courses embracing not more than two years of collegiate work. Such courses collectively shall be known and designated as the junior collegiate department of the district school system.

Act No. 166 classifies each school district having a population of 12,000 or more and less than 75,000 as a district of the third class; and each school district having a population of five hundred or more, and less than 12,000 as a school district of the fourth class. It provides for the government, control and administration of such school districts and the schools therein through boards of education, and also for the man-

ner of nomination and election of such boards and their powers and duties.

Act No. 156 authorizes cities, villages, counties, townships and school districts to operate systems of public recreation and playgrounds.

Act No. 179 amends sections 1, 3 and 4 of Act No. 200 of the Public Acts of 1905 as amended which provides for the compulsory education of children. The act provides that children over fourteen years of age who have completed the work of the sixth grade whose services are essential to the support of their parents may be excused by the county commissioner of schools or city superintendent of schools from attendance at school; that nothing in this or any other act shall prevent children fourteen years of age or over from procuring a permit to work outside of school hours, during the school year; that any child who has completed the work of the eighth grade may be granted an excuse to assist with the housework or farm work; and that it shall be the duty of the principal or any other person in charge of every private and parochial school in any city or township of the county at the opening of such schools to furnish to the said superintendent or county commissioner of schools the name, age and grade of every child enrolled in such schools, and from time to time to report to said superintendent or commissioner the name, age and grade of every child who is not in regular attendance in such schools. This act is ordered to take immediate effect.

Act No. 185 provides for the establishment of an optional course of military training in all high schools of this state. This does not apply to cities or villages having less than 5,000 population. When less than 25 male students elect to take such course, the board of education may discontinue said course until such time as 25 male students request the re-establishment of said course. Failure or neglect upon the part of any board of education shall subject said board to removal from office, after a hearing with proper notice by the Superintendent of Public Instruction.

Act No. 189 accepts the requirements and benefits of the Smith-Hughes Act of Congress relating to appropriations to be made by the Federal Government to the several states for the support of instruction in agriculture, the trades, industries, and home economics and to designate the Superintendent of Public Instruction, the president of the State Board of Education, the president of the University of Michigan, and the president of the Michigan Agricultural College as a State Board of Control for Vocational Education. This act is ordered to take immediate effect.

Act No. 217 amends section 5 of Act No. 241 of the Public Acts of 1903 which provides for the establishment of county normal training classes so as to increase the amount of state appropriation to $1,200.

Act No. 226 provides for the establishment of rural agricultural schools by consolidating three or more rural schools in which the teaching of agriculture, manual training and home economics shall or may be established as a part of the course of study. Such rural agricultural schools are divided into two classes. Class (a) includes rural agricultural schools with less than twenty acres of land and having a corps of teachers consisting of one principal and two or more teachers who are engaged to teach not less than nine months a year. Class (b) includes rural agricultural schools with twenty or more acres of ground and

having a principal who is engaged for a year of twelve months and two or more teachers who are engaged for not less than ten months in any one year. The act provides that each of such schools shall be entitled to receive state aid to the amount of $200 a year for each vehicle used for the transportation of pupils and in addition Class (a) schools $600 a year and Class (b) $900 a year.

Act No. 265 amends section 1 and 2 of Act No. 166 of the Public Acts of 1901 which defines the legal qualifications of kindergarten, music, and drawing teachers in the state. This act provides that a kindergarten certificate granted under the provisions of this act qualifies for both kindergarten and primary grades; also that a music teacher's certificate, a domestic science and art teacher's certificate, a manual training teacher's certificate, a commercial teacher's certificate, a physicial training teacher's certificate, or a drawing teacher's certificate may be granted to any person who has finished a course of at least two years in the subject named as provided for in this act.

Act No. 266 authorizes the board of education of any school district which shall have heretofore issued bonds or shall hereafter issue bonds under the provisions of Act No. 150 of the Public Acts of 1915, governing the issuing of bonds in school districts with a population of more than fifteen thousand and less than one hundred thousand, to provide annually for the levy and collection of a direct tax upon all the taxable property in such school district sufficient to pay the interest on such bonds as it falls due, and also to pay and discharge the principal thereof at maturity.

Act No. 269 amends section 1 of Act No. 185 of the Public Acts of 1897 which provides for the publication of the proceedings of the annual school meeting and an itemized financial statement of the receipts and expenditures of the district so that proof of said publication shall be filed in the office of the county commissioner of schools not later than August fifteenth of each and every year.

Act No. 280 amends section 10 of Act No. 285 of the Public Acts of 1909 as amended which provides for the regulation of the employment of minors. The act provides that a child of the age of fourteen or over shall be allowed to work on Saturdays or other days during the school year outside of school hours or during the established vacation periods in preserving perishable goods in fruit or vegetable canning establishments or in any mercantile institutions, store, office, hotel, laundry, manufacturing establishment, factory or workshop, telegraph or messenger service within this state. The act also provides that it shall be unlawful for any such establishment to hire any child under the age of sixteen without there be placed on file in the business office thereof a permit issued for the child by the superintendent of schools or county commissioner of schools as provided for in the act. This act provides further that whenever continuation classes shall be established for minors under sixteen years of age working as now permitted by law, or out of school by permission to help at home, every such child residing in any city in which such classes are established shall attend such classes not less than four hours per week and every employer shall allow all minor employes under eighteen years of age who have not completed the eighth grade, a reduction in hours of work of not less than the number of hours the minor is by this section to attend schools.

Act No. 304 amends section 3 of Act No. 117 of the Public Acts of 1909 as amended which provides for the organization of township school districts in the state of Michigan. The following is the amended portion of the section:

The officers of said township district shall consist of five trustees elected at large who shall constitute the board of education of said district and a regular term of office shall be three years. Any qualified voter in the district whose name appears upon the assessment roll and who is the owner in his own right of the property so assessed, shall be eligible to election or appointment to office in such district: Provided, That where a husband and wife own property jointly, if otherwise qualified, each shall be eligible to election or appointment to school office. At the first election held on the second Monday of July under authority of this act, the qualified electors of the township shall proceed to elect by ballot one trustee for the term of one year, two for the term of two years and two for the term of three years, and annually thereafter a successor or successors to the trustee or trustees whose term or terms of office shall expire. The term of office intended for each person shall be designated on the ballot and which said ballot shall have printed thereon the names of all candidates and the offices to be voted therefor, together with instructions as to the method of voting: Provided, That to obtain the printing of the name of any candidate for any of said offices, said candidates shall file a nomination petition with the clerk of the school board not less than thirty days before election, which petition shall be signed by not less than twenty-five nor more than one hundred qualified electors of the school district and each petition shall recite the residence and occupation of the electors signing the same, together with the date of signature. At the first election and at all succeeding elections held in said township, the township board shall act as a board of election inspectors and shall receive and canvass the votes, prepare ballots and conduct the election in the same manner as provided for in township elections held under the general law. *** ***

This act is ordered to take immediate effect.

Act No. 314 amends section 7 of Act 117 of the Public Acts of 1909 as amended which provides for the organization of township school districts. The amendment provides that the board shall hold two regular meetings each year, one the fourth Monday of February and one on the Saturday preceding the second Monday in July and that the trustees shall be allowed compensation for not to exceed four special meetings which may be called by the president and secretary. The amendment provides further that the provisions hereof with reference to number of meetings of board and compensation of trustees shall not apply to school districts having a school population of more than three hundred.

Act No. 318 authorizes the school board of any city, village, township or school district upon the written application of any responsible organization located in said district, or of a group of at least seven citizens of said school district, to permit the use of school grounds and schoolhouses as community or recreation centers for the entertainment and education of the people and for the discussion of all topics tending to the development of personal character and of civic welfare.

The revised edition of the school laws for 1917 will not be ready for distribution until about the first of November.

LAWS CONCERNING SCHOOL TEXTBOOKS.

Act No. 164 of the Public Acts of 1881 authorizes school boards to prescribe textbooks and provides that textbooks once adopted shall not be changed within five years except by the consent of a majority of the qualified voters of the district present at an annual meeting or at a special meeting called for that purpose.

Textbooks used for instruction in physiology and hygiene must give at least one-fourth of their space to the consideration of the nature and effects of alcoholic drinks and narcotics and must first be approved by the State Board of Education. This act gives district boards authority to purchase, at the expense of the district, the necessary textbooks for the use of children when parents are not able to furnish them.

Act 147 of the Public Acts of 1889 provides that all textbooks used in any school district shall be uniform in any one subject. Practically all the districts of the State have complied with this provision.

Under the provision of this Act the question of free textbooks can be voted upon at the annual meeting when the proposed question has been included in the notices posted. Only tax-paying electors may vote on that question. If a majority of the voters present vote in favor of free textbooks, the board is required to proceed to make contract with some dealer or publisher to furnish the necessary books used in the district at a price not greater than the net wholesale price of such books, and to vote a tax for such purchase. The voters may direct the board to advertise for proposals and bids on such contract. Annually thereafter the district board must include in its budget a sufficient amount to maintain and provide the proper textbooks for use of the schools. Textbooks so purchased are the property of the district and are loaned to the pupils free of charge under such rules for their careful use and return as the board may establish, and are sold at cost to pupils who wish to own their books. The district board may buy its books of local dealers if the same can be purchased and delivered to the director as cheap as if bought of the party who makes the lowest bid to the district board.

A school officer of any district which has voted to supply itself with textbooks who refuses or neglects to purchase, at the expense of the district, the textbooks required by the pupils of his district, or to provide the money therefor, is guilty of a misdemeanor, and, upon conviction, is subject to fine or imprisonment or both in the discretion of the court.

The law also provides that the district boards in school districts in cities organized under special charter shall have authority to proceed under the provisions of this Act when a majority of the qualified electors vote in favor of furnishing free textbooks.

Act 146 of the Public Acts of 1895 requires that textbooks on physiology shall give at least one-eighth of their space to the causes and

prevention of dangerous and communicable diseases, and that such textbooks must be approved by the State Board of Health to the State Board of Education before being adopted for use in the public schools.

Act 117 of the Public Acts of 1909 gives the boards of education in township school districts, organized under this Act, authority to adopt and select suitable textbooks for use in the school; provided the textbooks in physiology must be approved by the State Board of Education. Textbooks adopted under the provisions of this Act cannot be changed within five years except by the consent of a majority of the qualified voters of the district present at any annual or special meeting. The Act further authorizes the board of education to purchase at the expense of the district such textbooks as may be necessary for the use of children whose parents are not able to furnish the same, and to submit the question of free textbooks to the voters of the district at any annual or special meeting. If a majority of the voters present vote in favor of the use of free textbooks, the board is authorized to proceed to make a contract with some dealer or publisher to furnish the necessary books used in the district at a price not greater than the net wholesale price of such books, and to vote a tax for such purpose.

Act 189 of the Public Acts of 1911 gives the board of education authority to grant such relief as will enable children in the district who by law are required to attend school but are unable to do so because their services are required for the support of themselves or to assist in the support of others legally entitled to their services to continue in school during the entire school year. Such relief may include the necessary textbooks free.

More than fourteen hundred districts, including township unit districts and city districts, are now providing free textbooks under these acts.

Act 315 of the Public Acts of 1913 regulates the sale of school textbooks in Michigan and is probably the strongest feature of school textbook laws of our State. This law went into effect August 14, 1913. Textbooks sold in Michigan since that date have been sold in accordance with the provisions of this Act, resulting in an annual saving of thousands of dollars to the people of the state. Seventy-three publishers and sellers of school textbooks have complied with all the provisions of the law, and eight thousand five hundred books have been filed in the Department of Public Instruction. As required by the law, lists of books and prices and supplementary lists are published from time to time and are sent out by the State Superintendent. The books have been classified according to subjects and authors and catalogued, and may be inspected by superintendents, teachers and school officers in selecting books for use in the schools.

The following is a brief synopsis of the law: Publishers of textbooks who desire to do business in the state of Michigan are required to file with the Superintendent of Public Instruction copies of all textbooks sold by the publisher, together with a sworn statement of the usual list price, the lowest wholesale price, and the lowest exchange price. The publishers agree to sell the books in Michigan at as low a price as they are sold anywhere in the United States and reduce the prices automatically whenever reductions are made elsewhere in the United States. A bond is filed with the lists and agreement. The wholesale price list is

sent to each school board by the Superintendent of Public Instruction. The law also prohibits retail dealers from charging more than fifteen percent above the wholesale price, and authorizes school boards to purchase textbooks from the publishers at the lowest wholesale price and to sell them to pupils at such price as will include the cost of transportation and handling. The school board may select some dealer as its agent to handle the books, the agent to charge not more than ten percent above the net wholesale price. In case abridged or special editions of books listed are sold elsewhere at a lower wholesale price than listed with the Superintendent of Public Instruction, the publisher is required to file a copy of such special edition together with the price. When a family removes from one district to another within the state the treasurer of the district shall purchase out of the General Fund the textbooks in actual use by the children in the family at a fair price based on the condition of the books—the books to be resold to the other pupils moving into the district. The Act prevents any combination to control prices. The bond filed by the publisher is approved by the Attorney General and continues for a period of five years. Failure to file a new bond at the expiration of the period forfeits the right to continue business within the state.

BOYS' AND GIRLS' CLUBS

A report on the work of boys' and girls' clubs in Michigan for the year ending June 30, 1917, by E. C. Lindemann, State Club Leader.

SUPERVISION.

The general supervision of boys' and girls' clubs is in the hands of the Director of Extension of the Michigan Agricultural College. It is recognized as an integral part of the agricultural and home economics extension movement inaugurated under the terms of the Smith-Lever Extension Act of Congress of May, 1914. The immediate supervision of the work in Michigan is in the hands of the following persons who constitute the state staff:

E. C. Lindemann, State Club Leader.
C. A. Spaulding, Assistant State Club Leader.
Anna B. Cowles, State Club Leader for Girls.
Barbara VanHeulen, Assistant State Club Leader for Girls.
R. N. Kebler, Club Leader for the Upper Peninsula.
W. E. J. Edwards, Specialist for Live Stock Clubs.

In addition to the members of the state staff a number of communities are now employing their high school agricultural teachers and others to supervise the work on a local basis. The following persons are employed on this basis with various forms of Federal, State and local financial co-operation:

Kent County ..... L. S. Markley.
Hillsdale County ..... R. A. Turner.
Clinton County ..... A. L. McCartney.
Huron County ..... Verne Freeman.
Ottawa County ..... Chas. Morrice.
Saginaw County ..... C. P. Pressley.
Newaygo County ..... E. E. Twing.
Wayne County ..... Mary L. Grosvernor.
Oceana County ..... B. F. Beach.
Calhoun County ..... C. E. Ackley.
Houghton County ..... A. G. Kettenum.
Marquette County ..... Howard Rather.
Delta County ..... A. E. Warner.
Antrim County ..... J. H. Rayle.
Northeastern Michigan ..... George Gilbert.
Grosse Pointe Farms ..... Glen Stewart.
Marshall ..... E. B. More.
Port Huron ..... M. F. Beauchamp.
Dearborn ..... John Kelham.
Harbor Beach ..... H. G. Taft.
Detroit ..... John Martin.
Detroit ..... Arthur Burger.
Detroit ..... H. DeWinter.
Muskegon ..... W. J. Atchison.
Big Rapids ..... W. H. Gillette.
Ionia ..... Percy Angrove.
Three Rivers ..... Glen Hobbs.
Albion ..... C. O. T. Sheetz.
Lansing ..... W. H. Thies.

BOYS' AND GIRLS' CLUBS ARE NOW ORGANIZED IN 62 COUNTIES

Thirty-three counties are conducting club work with the active assistance of the County Commissioner of Schools.

Twenty-nine counties are conducting club work without the active assistance of the County Commissioner of Schools. In many of these counties the Commissioner lends his moral support but does not perform the personal work of organization and supervision.

Club boys in camp at M. A. C. learning to tie useful knots. Knot-tying contests are popular with club boys.

Members of a Barry County Corn Club receiving instructions on judging seed corn. Prof. J. E. Cox of the Farm Crops Department, M. A. C., is giving the lesson.

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PROJECT.	INCOME.	PROFIT.
Poultry	$608 44	$301 32
Corn	4,171 27	1,825 32
Potatoes	8,302 97	4,904 57
Beans	8,277 50	5,914 92
Pigs	547 34	270 94
Gardening	2,142 38	1,607 30
Canning	1,008 18	552 10
Garment-making ...	1,410 16	613 52
	$26,468 22	$15,989 99

It cost the state of Michigan, the United States Department of Agriculture and various other co-operating agencies, approximately $6,700 to conduct this work last year and the children produced in food products or other useful articles a total of $26,468.22.

The work of each club member is judged on the "Four-point" basis, which includes quality, quantity, profit and report. On this basis the following club members won state championships for the year 1916:

Potato Club: Verner Felt, Marquette County.
Acre yield, 402 bushels; acre profit, $503.30.

Corn Club: Floyd Bergey, Kent County.
Acre yield, 104.25 bushels; acre profit, $85.95.

Poultry Club:

(a) Hatching and Brooding Club:
Kenneth Ousterhout, Hillsdale County.
Income, $60.55; profit, $17.07.

(b) Hatching, Brooding, Egg and Meat Club:
George Hall, Lenawee County.
Income, $123.65; profit, $93.00.

Pig Club: Russel Liebknecht, Saginaw County.
Average daily gain, 1.58 pounds at cost of $0.03½.

Bean Club: Dorothy Pawloski, Huron County.
Yield per acre, 28 bushels; profit per acre, $172.34.

Gardening: Walter Crocker, Grand Rapids, Kent County.
Profit, $98.75.

Canning: Evelyn Pepper, Osceola County.
Canned 231 jars fruits and vegetables; profit, $82.49.

Garment-making:

Senior Class: Ada Kline, St. Joseph County.
Value of garments made, $12.50.

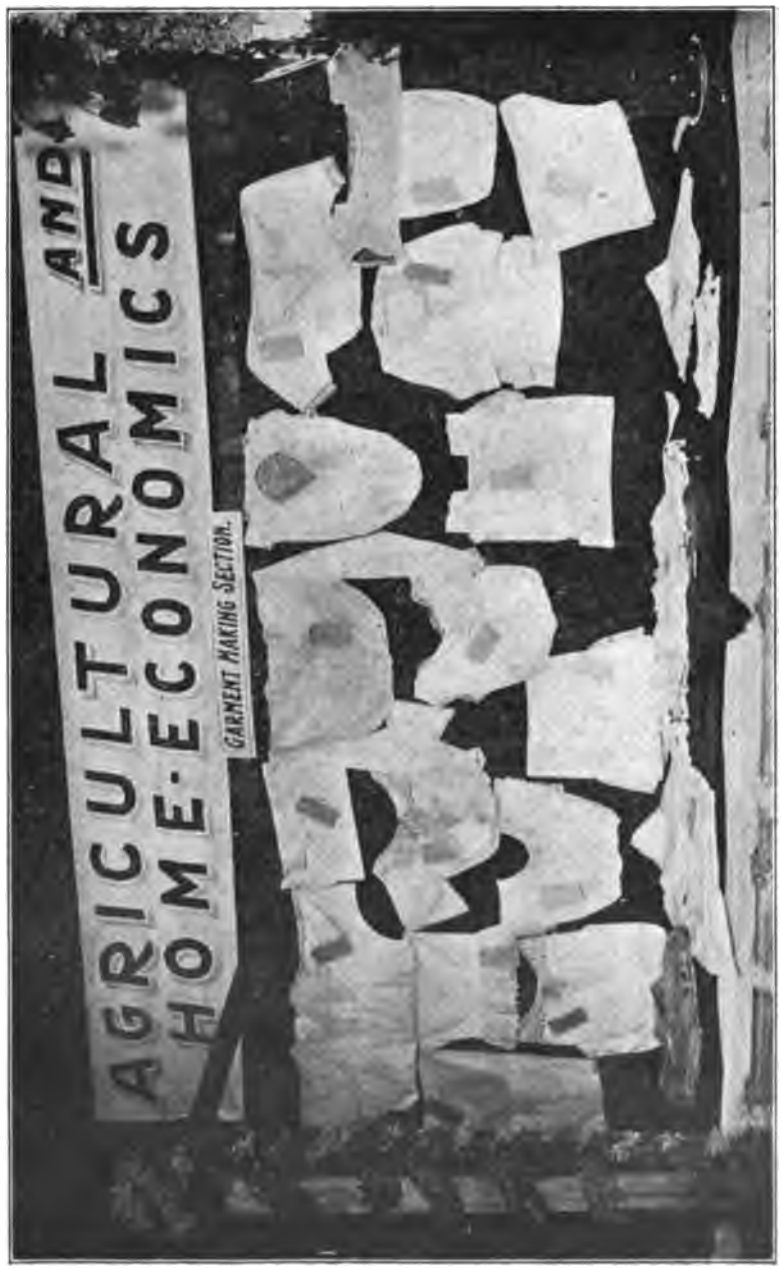
Junior Class: Ruby Zwerck, Saginaw County.
Value of garments made, $16.75.

Champion-all-classes: Lenna Morgan, Calhoun County.
Value of garments made, $33.04.

A Corn Club Boy trying to keep up with his corn.

A Boys' Garden Club of Gladwin. The boys and girls of Michigan are showing their patriotism in their gardens.

The members of girls' Garment-making Clubs learn to make garments which they can wear.



The Garment-making Club members of Hilledale presented the above exhibit at the Hilledale County Fair.

A Boys' Garden Club of Gladwin. The boys and girls of Michigan are showing their patriotism in their gardens.

The members of girls' Garment-making Clubs learn to make garments which they can wear.

RELATION OF CLUB WORK TO PUBLIC SCHOOLS

Boys' and Girls' Clubs have enjoyed a period of splendid growth in Michigan very largely because of the cordial relationship existing between the educational forces of the State and the forces attempting to bring about a better rural life. As the map accompanying this report indicates, there are already 29 county school commissioners who are actively assisting in the organization and supervision work of these clubs. Many others are lending their moral support to the work although they are not able to lend the actual assistance. The members of the State Department of Public Instruction, the faculties of the various Normal Colleges and the County Normal Training Classes have all shown a fine spirit of cooperation and this has been the one outstanding feature of club work in Michigan.

Boys' and Girls' Clubs are related to the public school system of the state in the following ways:

1. About three-fifths of the club leaders are teachers.
2. The School Commissioners in many counties are the county leaders for this work.
3. Many schools are using the club report and story as a basis for offering school credit.
4. The State Normal Colleges are all conducting short courses in leadership for prospective club workers.
5. Nearly all of the County Normal Training Classes have been visited by members of the State Club Staff for the purpose of training future club leaders.
6. About nine-tenths of all club members are school children.

One concrete example of the relationship between club work and the public schools is shown in the plan inaugurated by the Barry County Normal Training Class during the past year. Miss Gertrude Miller writes as follows:

"We in Hastings fully realized when school opened this fall that Barry County was well organized for boy's and girls' club work. Consequently we debated as to what would be the most practical work for us to do in order that the present class might be ready to meet the increasing demands of the county. The Agricultural College offered us the opportunity of taking up one of their standard club projects as a part of our training. A County Normal Garment-making Club was organized and officers were elected.

Our club met quite regularly every two weeks until the spring vacation, and we thoroughly enjoyed every meeting. Several of the city teachers became interested and were invited to join us. They in turn royally entertained us in their homes. We were also invited to the homes of members of the Board of Education.

The local domestic science instructor, Miss Clara Rogers, gave us a talk on the selection of materials, and assisted in the teaching of the various stitches and in the pattern drafting.

At each meeting a short business session was held; then we sewed for an hour after which the remainder of the evening was devoted to the playing of those games which might be used in the rural schools. Many of these games were suggested by Miss Anna B. Cowles and have been used not only at our meetings but by the students in their supervised play work with the children.

Mr. and Mrs. Kebler joined us many times and twice several of us went with them to rural schools where Mr. Kebler organized corn clubs and sewing clubs. It was at such times that the two young men of the class went, taking with them the county normal Babcock Tester and illustrating its use.

As a result of our work in the sewing, the girls have completed one hundred and one garments. Aside from these I can not begin to enumerate nor describe the fancy work they have done—caps, crocheted yokes, and lace; yards of tatting, pillow tops, work bags and aprons, towels, handkerchiefs.

As a result of the work, nineteen of the girls have made their own graduation under-garments, and five are making their dresses.

This matter of saving on clothes has led us to economize on our commencement. The class is going to give all their own program, with the exception of the invocation, benediction and presenting of diplomas.

We feel that aside from the practical garments made and the social side of our work, that the ideas gained in conducting club work have been well worth our efforts.

Their influence has already been felt for several factory girls hearing of the sewing club expressed the wish for a club with the result that a Y. W. C. A. was organized.

Another result is that several students have requested our county commissioner to place them in schools where there is an opportunity to do club work, and one girl absolutely refused to accept any other school.

Our commissioner can cite for you districts which are asking for just such teachers, and are willing to pay a better salary."

Special club work programs have been arranged in connection with County Teachers' Institutes. Five counties have held special conferences for the purpose of training club leaders. A School of Instruction for Club Leaders was held at the Michigan Agricultural College during the summer of 1916. One hundred and two persons enrolled for this special course. The School is to be repeated this summer. The students in the various County Normal Training Classes were invited to come to the College for one day during the Spring for the purpose of having club work presented. This meeting was attended by two hundred and twenty county normal students. Thus in various ways attempts are being made to give teachers the kind of training necessary to equip them for club leadership. A course in Community Leadership, which is primarily a course intended for club leaders, was introduced in the curriculum of the Summer Session of the Michigan Agricultural College.

From every standpoint, and especially from the standpoint of co-operation with the Michigan school system, club work is enjoying a period of rapid growth under leadership which is becoming efficient to a degree beyond our early anticipation.

The Barry County Normal Class which originated the method of learning to be club leaders by being club members.

OSCEOLA COUNTY BOYS POTATO GROWING CLUB
CONDUCTED BY OSCEOLA COUNTY BOARD OF TRADE
ENROUTE TO NATIONAL AND STATE POTATO SHOW

Osceola County Potato Club Boys attending the State and National Potato Show at Grand Rapids. The business men of the County gave them a trip as a mark of their appreciation for the work which the boys had done.

The Barry County Normal Class which originated the method of learning to be club leaders by being club members.

COUNTY NORMAL SYSTEM OF MICHIGAN

Twenty years ago there were practically no trained teachers in the rural schools of Michigan. It goes without saying that the child in the rural school deserves as good teaching as the child in the city school. The county normal system in Michigan trains teachers for the rural school and for no other. This system has been in operation for fourteen years. A brief account of the system is given herewith.

HOW COUNTY NORMAL TRAINING CLASSES ARE ESTABLISHED

Act No. 241 of 1903, as later amended, authorizes the establishment of county normal training classes for the purpose of giving special training to teachers of rural schools. These classes are established in connection with some public graded or high school. They are a part of the educational system of the state and make use of the local schools for observation and practice teaching. They are state institutions, pursuing their own plans and policy and are under the general supervision of the Superintendent of Public Instruction. The Superintendent is given power to permit the establishment of these classes.

There are three steps necessary to establish a county normal training class and these steps should be taken in the following order:

1. The board of supervisors must vote favorably on the proposition to establish a county normal training class in the county.
2. Each of the several districts of the county applying for permission to organize such normal training class in connection with its schools must, by a majority vote, favor the proposition.
3. The Superintendent of Public Instruction grants permission to establish the training class in a given district.

HOW COUNTY NORMAL TRAINING CLASSES ARE SUPPORTED

County Normal training classes are supported from three sources—the state, the county and the local district. The law, as amended in 1917, provides that the state shall pay toward the support of each training class $1,200 annually. The rest of the cost of maintenance is shared equally by the county and the local district, but the county cannot be required to pay more than $600 annually.

RULES GOVERNING THE LOCAL BOARD OF EDUCATION

The Superintendent of Public Instruction is authorized to prescribe general rules and regulations for the management of the classes, also to state the conditions to be met by boards of education. The board of education, on behalf of the district, is required:

1. To hire teachers who are satisfactory to the Superintendent of Public Instruction. The county normal teachers in Michigan are hired on the recommendation of the Superintendent of Public Instruction.
2. To make special contracts with all teachers who work in the training classes. Blank forms for such contracts are furnished by the Superintendent of Public Instruction.

3. To provide assembly and recitation rooms with the necessary equipment and properly heated, ventilated and lighted.
4. To furnish supplies as required.
5. To maintain the classes for the same length of time as the public schools of the district are in session.
6. To certify, when application is filed to have county normal training class organized in a district, that there are at least ten persons ready to enter the class when organized.
7. To observe the rules of the State Accountant under the statutes in making out and presenting vouchers for all money disbursed for instruction.
8. To advance the money for teachers' wages until the annual reimbursement by the state.
9. To report annually such information in regard to the class as the Superintendent of Public Instruction may require.
10. To employ skillful and trained teachers for the grades in the public schools of the district so that the observation work of the training class students may be effective.

THE COUNTY NORMAL BOARD

The Superintendent of Public Instruction, the commissioner of schools and the local superintendent of schools constitute the county normal board.

The Superintendent of Public Instruction has general supervision over all of the training classes of the state. The county normal training class shall be a department of the school where located but shall be separate and distinct in its management, having its own teachers and pursuing its own policy under the direction of the Superintendent of Public Instruction.

The superintendent of schools, by reason of his position, has the immediate supervision of the work done in the class. It will be his duty to direct in a general way all the work and particularly that of observation and practice teaching. He should advise with the Superintendent of Public Instruction on all matters concerning the work to be done and the policy to be pursued.

The commissioner of schools, as a member of the county normal board, is expected to cooperate with the local superintendent. Upon him very largely will rest the responsibility of advertising the class and securing students. He can also assist the students in finding proper rooms and boarding places and interest the people of the county in the welfare of the class. The commissioner should also give careful attention to the locating of the graduates in suitable schools on the completion of their work.

THE COUNTY NORMAL FACULTY

The faculty of the county normal training class consists of the principal of the normal and the critic teacher.

The principal has charge of the assembly room and the class and gives instruction in the academic and professional work prescribed in the course of study.

The critic teacher has charge of a room made up of pupils of several grades, representing as closely as possible the conditions in a typical rural school.

THE COURSE OF STUDY

The course of study for the county normal training class consists of one year of work. A schedule of courses is given below. The figure placed at the right of each subject indicates in each case the number of recitation periods per week in that subject. The recitation period should not be less than forty minutes in length. In case of practice teaching, however, the minimum requirement is twenty-five clock hours of actual instruction by each student. This teaching is done under special supervision in the training room.

SCHEDULE OF COURSES.

First Semester		Second Semester	
Pedagogy 5	Pedagogy 5	Psychology 4	Psychology 4
Reading 4	Reading 4	Practice Teaching 5	Practice Teaching 5
Geography 4	Geography 4	U. S. History 4	U. S. History 4
Arithmetic 4	Arithmetic 4	Agriculture 5	Agriculture 5
Grammar Language 5	Grammar Language 5	Physiology 5	Civics School Law 5
Writing—Spelling 3	Writing—Spelling 3	Drawing 2	Drawing 2

In addition to the work indicated in the schedule above given, students are given instruction in library methods. Through an arrangement with the State Board of Library Commissioners an expert librarian spends several days with each county normal training class, giving instruction in the selection of library books and in the care and organization of the rural school library.

SUPERVISION OF THE COUNTY NORMAL TRAINING CLASS

The Superintendent of Public Instruction has general supervision over all of the county normal training classes of the state. The work is under the immediate direction of the Deputy Superintendent of Public Instruction and the county normal supervisor. These persons visit all of the county normal training classes each year and cooperate with the county normal teachers and the local members of the county normal board to improve the organization and instruction of the school.

WHO ARE ADMITTED TO COUNTY NORMAL TRAINING CLASSES

The county normal board is qualified by law to determine qualifications for admission to the classes, to prepare a course of study and to grant certificates to such persons as satisfactorily complete the course. Since certificates are transferable from one county to another, the course of study and general regulations are practically uniform. The qualifications for admission to training classes are as follows:

1. All applicants for admission must be at least 17 years of age at the time of entrance.
2. All applicants must possess a good moral character.
3. Applicants must possess the academic qualifications under either (a), (b), or (c).

(a) Graduate of a graded school having at least a course of eleven grades, or the completion of three years of work in an approved high school.

(b) Holder of at least a second grade certificate or shall pass a second grade examination.

(c) One year of successful experience in teaching in the public schools.

REQUIREMENTS FOR GRADUATION

At the end of the training school year and before the student shall receive a certificate, the several instructors, the county commissioner and the local superintendent execute a statement that the work of the student has been satisfactorily completed and that he has shown proper professional interest in practice teaching that he is worthy of graduation from the county normal training class. This statement is filed with the Superintendent of Public Instruction, who immediately issues and signs a certificate for such student and forwards it to the local superintendent of schools for presentation.

COUNTY NORMAL CERTIFICATES

A county normal certificate qualifies the holder to teach in a rural school of one or two rooms for a period of three years without examination. On expiration, the original certificate may be renewed by the county normal board provided the candidate has taught successfully in the rural schools for three years, has shown proper professional interest in all county educational enterprises, such as institutes, teachers' meetings, reading circles, etc.

A second renewal will be granted if in addition to the above conditions as a graduate from the county normal such graduate has received four credits at one of the state normal schools or in any other institution approved by the Superintendent of Public Instruction, such credits being satisfactory to the Superintendent of Public Instruction. The work done must be in advance of the work taken in the county normal. This work would be equivalent to one term of twelve weeks or to two summer terms of six weeks each.

ADVANCE CREDITS

Graduates of county normal schools who are also graduates of twelve grade high schools are given twelve hours of advance credit at the University of Michigan. Also, such graduates are given credit in eight subjects toward the life certificates at any of the state normal schools.

COUNTY NORMAL GRADUATES IN THE RURAL SCHOOLS

The following table shows the total number of students graduated from the county normal schools each year since they were first organized. It shows also the number of persons graduated from each school. Approximately 30 percent of the teachers in the rural schools are graduates from the county normal system.

NUMBER OF GRADUATES.

County	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	Total
Antrim	13	10	7	10	12	18	15	17	23	7	7	11	14	13	177
Arenac	9	12	15	12	17	18	10	17	18	11	7	17	17	18	198
Charlevoix	9	9	11	10	10	15	17	13	10	11	9	13	12	8	157
Clinton	11	12	18	14	18	23	26	17	19	18	13	17	14	16	236
Gratiot	9	15	14	6	14	17	13	10	12	21	12	10	9	7	169
Kalkaska	10	5	10	10	7	9	13	14	15	9	13	9	15	12	151
Oakland	10	17	15	16	14	17	13	9	14	16	13	18	17	v	189
Wexford	13	10	14	19	6	14	16	16	22	23	21	13	14	18	219
Barry	....	14	19	22	22	13	19	24	24	21	22	24	26	25	275
Ingham	....	9	15	12	16	10	17	16	20	21	18	12	25	11	202
Ionia	....	12	10	12	7	10	11	19	22	11	16	10	23	20	183
Iosco	....	9	10	13	13	12	11	15	10	9	10	21	23	9	165
Macomb	....	17	18	11	21	14	12	13	11	14	8	16	16	4	175
Mason	....	15	11	11	10	4	15	12	11	14	12	8	19	19	161
Mecosta	....	17	18	15	5	13	16	19	20	10	14	23	19	15	204
Midland	....	11	10	13	10	17	14	21	14	15	16	17	10	11	179
Oceana	....	11	8	8	9	9	15	18	14	13	10	13	12	10	150
Osceola	....	15	8	20	13	9	16	13	17	18	13	16	13	10	181
Shiawassee	....	9	12	6	10	16	16	14	20	20	13	10	19	14	179
St. Clair	....	28	19	20	16	22	22	20	17	14	10	20	24	18	283
Calhoun	....	....	14	10	12	12	16	20	17	16	9	12	15	6	159
Cass	....	....	14	16	11	19	9	12	10	12	11	12	21	10	157
Manistee	....	....	17	9	11	14	8	14	16	9	14	16	25	9	162
Newaygo	....	....	12	12	12	13	19	21	16	24	22	17	14	18	200
Otsego	....	....	9	7	5	9	9	5	v	v	v	v	v	v	44
Allegan	....	....	....	12	22	15	15	18	17	16	19	15	18	20	187
Branch	....	....	....	8	16	15	20	14	12	15	18	16	16	6	156
Lapeer	....	....	....	15	12	12	16	8	12	15	9	14	13	12	138
Lenawee	....	....	....	14	18	19	18	14	14	11	7	10	16	18	159
Ottawa	....	....	....	12	18	23	18	12	10	14	15	10	7	5	144
Saginaw	....	....	....	20	18	12	9	15	15	12	11	12	19	16	149
Van Buren	....	....	....	9	11	14	10	14	8	14	14	16	6	10	126
Cheboygan	....	....	....	....	20	20	17	14	10	10	13	18	15	13	150
Genesee	....	....	....	....	12	16	16	16	14	20	22	19	20	15	170
Montcalm	....	....	....	....	7	17	18	12	13	19	15	9	15	12	137
Tuscola	....	....	....	....	11	13	17	11	10	11	12	21	19	14	139
Benzie	....	....	....	....	....	10	12	17	10	9	11	12	11	13	105
Berrien	....	....	....	....	....	15	15	16	11	14	17	9	15	7	119
Eaton	....	....	....	....	....	18	15	15	12	16	20	20	15	16	147
Menominee	....	....	....	....	....	10	17	20	17	18	14	17	10	18	141
Sanilac	....	....	....	....	....	14	13	12	10	12	11	10	23	21	126
Muskegon	....	....	....	....	....	....	8	19	15	15	13	14	12	11	107
Missaukee	....	....	....	....	....	....	....	....	16	13	12	15	12	13	81
Montmorency	....	....	....	....	....	....	....	....	11	11	10	9	11	9	61
Grand Traverse	....	....	....	....	....	....	....	....	....	15	16	18	23	16	88
Ogemaw	....	....	....	....	....	....	....	....	....	....	13	10	11	12	46
Emmet	....	....	....	....	....	....	....	....	....	....	....	8	10	8	26
Ontonagon	....	....	....	....	....	....	....	....	....	....	....	10	10	10	30
Gladwin	....	....	....	....	....	....	....	....	....	....	....	....	9	8	17
Monroe	....	....	....	....	....	....	....	....	....	....	....	....	7	10	17
Presque Isle	....	....	....	....	....	....	....	....	....	....	....	....	....	14	14
Alpena	....	....	....	....	....	....	....	....	....	....	....	....	....	10	10
Total	84	257	328	404	466	590	622	636	629	637	605	667	759	638	7,322

vDiscontinued.

FINANCIAL DATA OF EACH COUNTY NORMAL SCHOOL IN MICHIGAN, INCLUDING 1916

County	Number of graduates	Total cost	Cost to state	Total cost per capita
Allegan	167	$15,574 00	$10,000 00	$93 27
Antrim	164	18,695 69	13,000 00	114 00
Arenac	180	17,750 00	13,000 00	98 60
Barry	250	16,965 00	12,000 00	67 86
Benzie	92	12,173 00	8,000 00	121 73
Berrien	112	10,989 86	8,000 00	98 12
Branch	150	13,852 00	10,000 00	101 00
Calhoun	153	15,500 00	11,000 00	101 30
Cass	147	15,600 00	11,000 00	106 12
Charlevoix	149	20,235 00	13,000 00	135 80
Cheboygan	137	13,505 03	9,000 00	98 46
Clinton	220	17,349 50	13,000 00	78 81
Eaton	131	10,190 00	8,000 00	77 83
Emmet	18	3,300 00	2,000 00	183 44
Genesee	155	13,925 00	9,000 00	90 00
Gladwin	9	1,550 00	1,000 00	172 22
Grand Traverse	72	5,385 00	4,000 00	74 79
Gratiot	162	16,955 00	13,000 00	104 66
Ingham	191	17,100 04	12,000 00	89 53
Ionia	163	17,273 26	12,000 00	105 97
Iosco	156	15,187 40	12,000 00	97 35
Kalkaska	139	16,685 00	13,000 00	120 04
Lapeer	126	16,293 55	10,000 00	129 32
Lenawee	141	15,550 00	10,000 00	110 29
Macomb	171	16,290 00	12,000 00	95 26
Manistee	153	17,000 00	11,000 00	111 11
Mason	142	18,334 11	12,000 00	129 11
Mecosta	189	15,950 00	12,000 00	80 44
Menominee	123	13,130 00	8,000 00	106 74
Midland	168	17,320 07	12,000 00	103 10
Missaukee	68	9,325 00	5,000 00	137 13
Monroe	7	1,650 00	1,000 00	235 71
Montcalm	125	12,033 83	9,000 00	96 27
Montmorency	52	6,000 00	5,000 00	115 38
Muskegon	96	12,300 00	7,000 00	128 12
Newaygo	182	18,584 93	11,000 00	102 11
Oakland	189	18,880 00	12,500 00	99 89
Oceana	140	15,024 51	12,000 00	109 32
Ogemaw	34	4,700 00	3,000 00	138 23
Ontonagon	20	3,300 00	2,000 00	165 00
Osceola	171	18,975 00	12,000 00	110 96
Otsego	44	6,350 00	5,000 00	144 32
Ottawa	139	14,270 00	10,000 00	102 66
Saginaw	143	12,400 00	10,000 00	86 70
Sanilac	105	11,850 00	8,000 00	112 85
Shiawassee	165	16,312 50	12,000 00	98 86
St. Clair	232	16,745 00	12,000 00	97 07
Tuscola	125	14,450 00	9,000 00	115 60
Van Buren	116	14,050 00	10,000 00	122 17
Wexford	201	17,279 25	13,000 00	82 23
Totals	6,684	$680,787 53	$472,500 00	.....

SUMMARY OF COST OF MAINTAINING COUNTY NORMAL SCHOOLS IN MICHIGAN

Year	Number of schools	Number of graduates	Total cost	Total cost to state	Total cost to city and county
1904	8	84	$10,667 50	$7,500 00	$3,167 50
1905	20	257	22,581 04	20,000 00	2,581 04
1906	25	328	29,728 74	24,500 00	5,228 74
1907	32	404	45,686 00	31,500 00	14,186 00
1908	36	466	42,445 02	36,000 00	6,445 02
1909	41	590	58,496 24	41,000 00	17,496 24
1910	42	622	58,467 11	42,000 00	16,467 11
1911	42	636	65,078 46	42,000 00	23,078 46
1912	43	629	58,560 06	43,000 00	15,560 06
1913	44	637	64,359 86	44,000 00	20,359 86
1914	45	605	68,935 00	45,000 00	23,935 00
1915	47	667	76,460 00	47,000 00	29,460 00
1916	49	759	79,322 50	49,000 00	30,322 50
Totals		6,684	$680,787 53	$472,500 00	$208,287 53

Total per capita cost to state	$70 69	
Total per capita cost to county	15 58	
Total per capita cost to city	15 58	
Total per capita cost	$101 85	See note.

NOTE: To get the actual cost of normal schools there should be deducted in each case the cost of instruction of one schoolroom of children which the normal includes in each city. A fair estimate for this would be $550 annually in each school or $26,950 annually, at present, for the forty-nine schools of the whole state. For example: The total cost of county normal schools in 1916 was $79,322.50. Deduct for instruction of schoolroom $26,950 and the actual cost of instruction of the normal classes remains $52,372.50. The number of graduates in 1916 was 759, making the actual per capita cost $69.00.

Most county normal students receive their training while living at home, an advantage from many standpoints.

James B. Angell

Memorial Day

Friday, October 13, 1916

JAMES B. ANGELL

STATE OF MICHIGAN

Department of Public Instruction

LANSING

To the Teachers of Michigan:

It is especially fitting that the schools of Michigan pay tribute to the memory of James Burrill Angell. I therefore designate Friday, October 13, as Angell Day and suggest that appropriate exercises be held on that day in the schools of Michigan in honor of his memory.

Teachers should acquaint the boys and girls of Michigan with the possibilities of our system of schools put before them. They should be made to know and feel that these things are within the reach of all. A study of the life and work of Dr. Angell will be an inspiration to every child in Michigan—an inspiration that will be a deciding influence in the lives of many.

This bulletin has been prepared to suggest suitable material for a program on Angell Day. Teachers will of course not confine themselves to the material here given. Programs should be varied as occasion suggests. Most communities in Michigan have citizens who are graduates of the University of Michigan. These should be called upon to contribute their intimate knowledge of the University and its famous president.

We hereby acknowledge the courtesy of Longmans, Green & Company, in allowing selections to be used from Dr. Angell's autobiography, "Reminiscences."

Respectfully,

Fred L. Keeler

Superintendent of Public Instruction.

Suggestive Program

Music

Sketches of Dr. Angell's life—given by different pupils

(a) Birth and Boyhood
(b) How Dr. Angell Learned His Letters
(c) The Old District School
(d) Dr. Angell Prepared for College
(e) What is the Value of a Dollar
(f) College
(g) After College—What
(h) Dr. Angell Gives John Hay a Lesson in Journalism
(i) Dr. Angell Not for Sale
(j) How Dr. Angell Came to Michigan
(k) Diplomatic Honors

Men and Events

Music—Michigan my Michigan

Early Events in the History of the University

The Michigan School System

The University

Music

Personal Reminiscences of President Angell given by a local person—some former graduate or student of the University. (Limited to fifteen minutes)

Tributes and Quotations—given by different pupils

Reading—"Where Genius is Found"—given by an older pupil

Declamation—"Michigan"

Music—The Yellow and Blue

Life of James B. Angell

1829, Born January 7

1845-1849, College

1849, Assistant Librarian, Brown University

1850, Southern Trip

1851, Trip to Europe

1853, Professor of Languages, Brown University

1855, Married Sarah Swoope Caswell

1860, Editor Providence Journal

1866, President University of Vermont

1871, President University of Michigan

1880-1882, Minister to China

1887, International Commission on Canadian Fisheries

1895, Chairman of Deep Sea Commission

1897-1898, Minister to Turkey

1908, Resigned active work as President University of Michigan

1916, Died April 1

Birth and Boyhood

James Burrill Angell was born in Scituate, Rhode Island, January 7, 1829. He was a descendent of Thomas Angell who came with Roger Williams from New England to Massachusetts in 1631, and who also accompanied Roger Williams when, in 1636, he left Massachusetts and settled Providence.

The early records show that, in 1675, Thomas Angell, with several other men, received an assignment of land near Providence. A portion of this land remained in the Angell family and was occupied by them continuously until the death of Dr. Angell's father in 1865. It was on this farm that Dr. Angell was born and spent his childhood days with his brothers and sisters, he being the oldest of a family of six children.

His grandfather and father, like many farmers of early times, combined the business of tavern-keeping with that of farming. The farm was

"Mingle freely as
learners with men around you."

on an old turnpike road which was much traveled by the farmers of eastern Connecticut marketing their products in Providence. During his boyhood many travelers stayed in the large farm home. Military gatherings were held in the intervales nearby; political meetings, and occasionally a justice's court, were held in a large hall in the house. Compared to an ordinary country boy's life Dr. Angell's boyhood days were very stirring. He came in contact with people from all ranks of life—from the common farm laborer to travelers of the highest refinement. To these early experiences he attributes much of his ability in later life in adapting himself to the society of different classes of men.

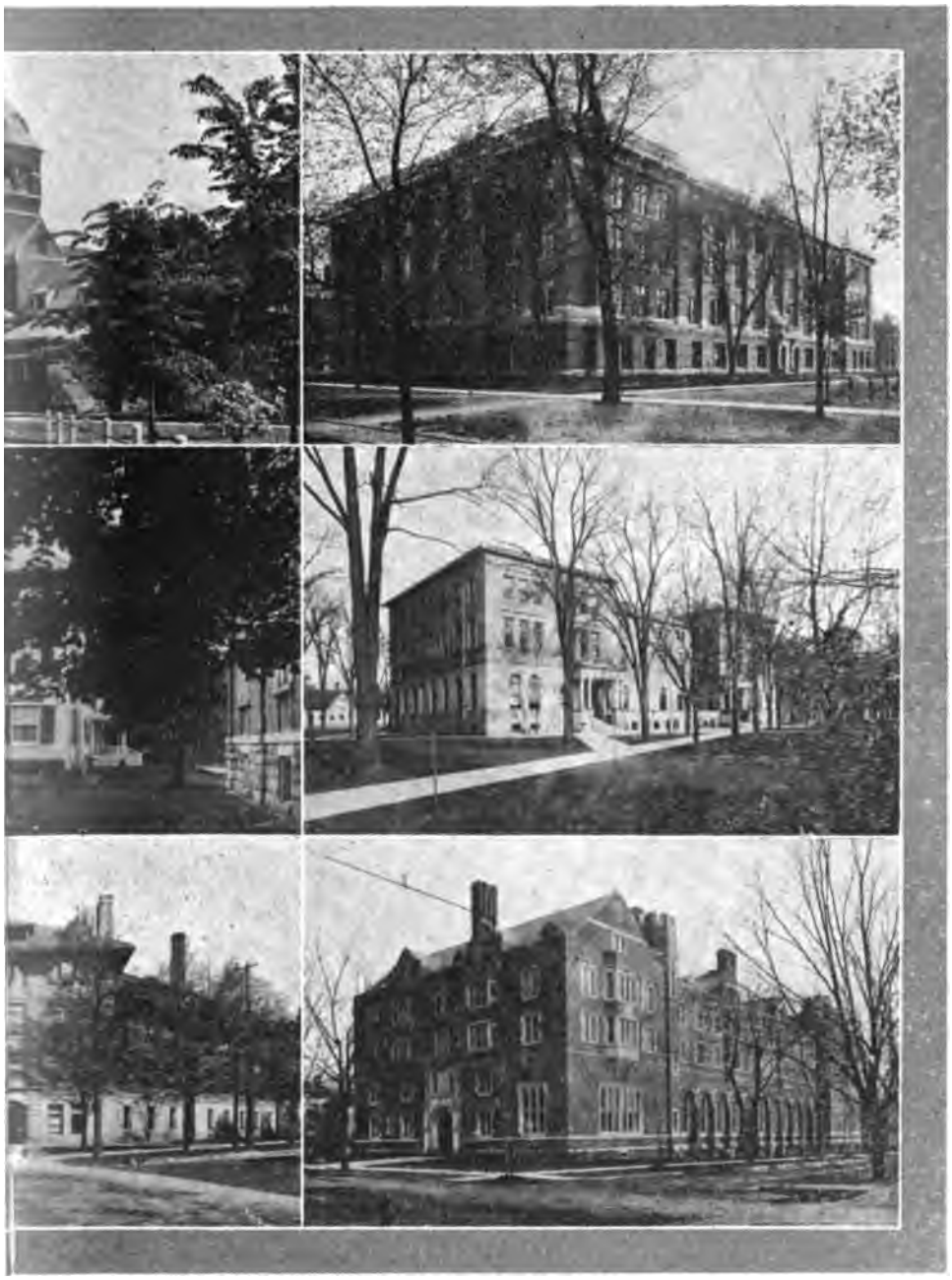
How Dr. Angell Learned His Letters

Dr. Angell has given us the following interesting account of his early education at home and in school:

"I began my education by learning my alphabet from an old law book. My grandfather had been Justice of the Peace, and therefore had this volume, each chapter of which began with a very large capital letter. Under the guidance of my uncle I learned these letters. That fact is my earliest recollection. I recall with especial distinctness the large J, as I was made to understand that it was the initial of my name."—*Reminiscences*

The Old District School

"At a very early age (I do not know how early), I was sent to the District School. I remember that I was so young that my father used frequently to take me to school on horseback in front of him on the saddle. A large boy of the neighborhood was hired to take charge of me when I walked. The district school was then in a very primitive state. A sloping board attached to the wall quite around the room was the writing desk for all the larger pupils. They sat on benches with their backs towards the middle of the room. The small scholars sat on benches in the center of the room. Those who wrote made their own writing books. They purchased unruled paper, cut it into leaves, stitched them together, put a rough brown paper cover on, and ruled the lines with a leaden plummet. The first duty in the morning was to mend the goose-quill pens, and in the winter to thaw the ink on the stove. The highest branch was Daboll's Arithmetic, and the older pupils who had completed it one winter came back the next and 'ciphered through it' again. Reading, spelling, writing, a little grammar, elementary geography, and arithmetic, furnished the whole curriculum."—*Reminiscences*



t
l·sidence
·Building

Chemical Building
Law Department
Martha Cook Building

"When a man stops acquiring knowledge
it's time for him to stop teaching."

Dr. Angell Prepared for College

"Some boys whom I knew were attending a seminary in Seekonk, Massachusetts, about three miles from Providence and urged me to come there. It was a great trial to my mother to have me leave home; but it was decided that I ought to go. I was then twelve years old. On arriving at the school I found that in arithmetic I was far ahead of the boys of my age, and so it was wisely concluded that I should give my whole time to Latin.

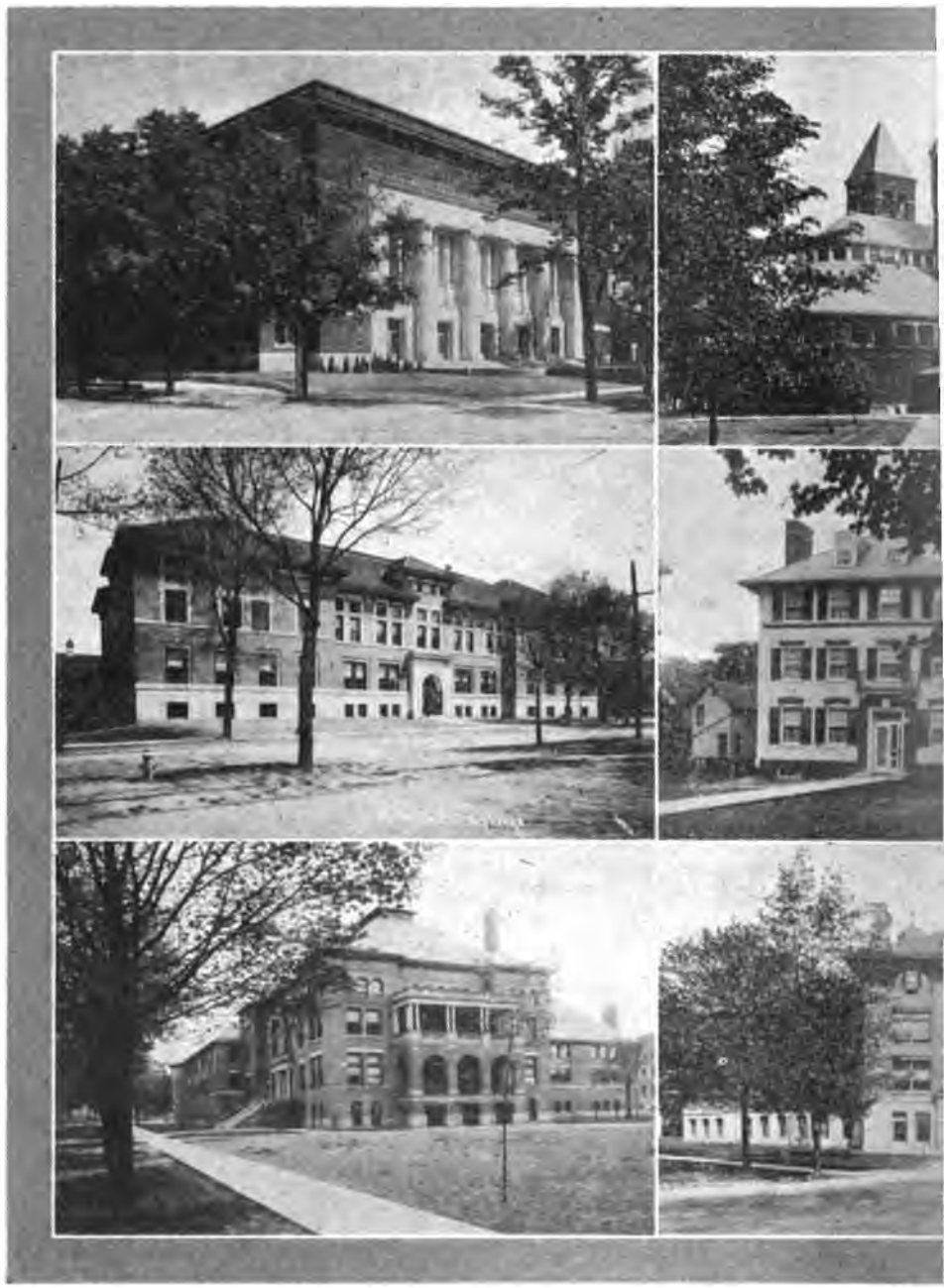
After I had spent one term at this school, my parents decided to send me to the Smithville Seminary, an academy which the Freewill Baptists had established in the northern part of my own town, five miles away. Most of the pupils were farmer's sons and daughters who wished to supplement the limited work of the district schools. A small number were preparing themselves for college. I joined them in their classes with no such purpose distinctly formed. I also took nearly all of the scientific instruction which was given, and given as well as it could be without laboratories or much apparatus. Many of the students were men in years. They were diligent students. Some of them were awkward and rustic in manners but they were thoroughly earnest and gave good tone to the school."—*Reminiscences*

What is the Value of a Dollar

"While during my fourteenth year I was at school at the Academy, a somewhat noted phrenologist of that day, gave some lectures in the village of North Scituate and made a professional 'examination' of my head. I still have his written report on me. It was ridiculous in its exaggerated estimate of my gifts, but it had one good result. He persuaded my relatives and friends that by study I was overtaxing my strength, and that I ought to leave school for a time and lead a vigorous out-of-door life. While I was by no means ill, I have little doubt that I owe in some degree the physical vigor with which I have been blest all my life to the fact that owing to his splendid counsel I spent the next two seasons, from early spring to late autumn, at work on my father's farm, side by side with his hired men, hoeing my row and mowing my swath and learning all the details of farm work. Much of this I had previously learned in vacations; but I now learned thoroughly how much backache a dollar earned in the fields represented. I was also able to see how the world looks from the point of view of the labouring man. Often in later years, when weary with study, I was inspired with new

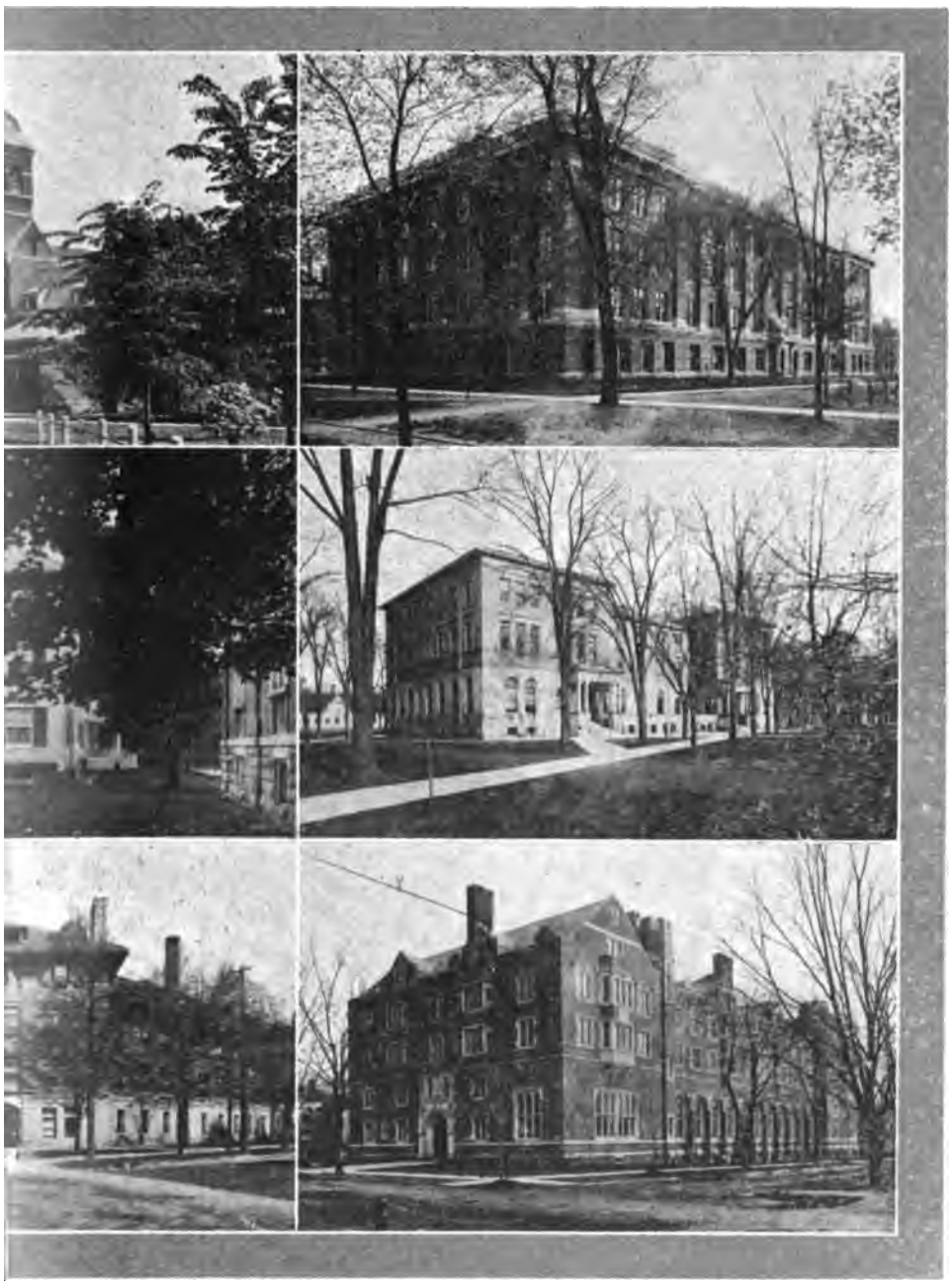
UNIVERSITY HALL.

MEDICAL BUILDING



Hill Auditorium
Dental College
Barbour Gymnasium

Libr
Newberry
Engineerii



sidence
Building

Chemical Building
Law Department
Martha Cook Building

MEMORIAL HALL

NATURAL SCIENCE BUILDING

"The soul of a university
is in the men who compose it."

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zeal by recalling how much severer were the fatigue and monotomy of the work of the farmer's boy. It is a good fortune for a boy to have known by experience what hard and continuous manual labor means." —*Reminiscences*

College

At the time Dr. Angell left the academy he had no fixed plan for the future. He spent his summers on the farm. He tried to secure work in some of the business places in Providence in the winter but without success. His teachers had encouraged him to go to college and now that the time had come to decide upon his future work he chose the college course to please his parents who were both able and willing to send him, although in justice to his brothers and sisters they could aid him no further. Being a year younger than the age for admittance to Brown University he spent the greater part of the year at the University Grammar School in Providence reviewing the classics and other work required for entrance.

His college life covered the period from 1845 to 1849. The fact that two years after graduating he was asked to return to Brown University to accept either the chair of Engineering or that of Modern Languages shows how thoroughly he did his work and how broad was his education.

After College—What

Immediately after leaving college, Dr. Angell had an experience not unusual for young graduates. Of this he says: "It was necessary for me to do something for my maintenance but I found nowhere any call for my services. I had left the warm genial atmosphere of college life to plunge into the great busy world and realized what Schiller meant when he said he stretched out his arms to serve the world and found he had clasped a lump of ice. The great, busy world went on its way and apparently had no use for me and no sympathy with me. The contrast between the warm friendships of college days and this sense of loneliness and isolation and uselessness made the experience of those few weeks following graduation the most painful of my life. The recollection of it has led me often to warn students against being too much discouraged by a similar fortune."—*Reminiscences*

Dr. Angell Gives John Hay a Lesson in Journalism

Dr. Angell became editor-in-chief of the Providence Journal in 1858 just as the agitation over the slavery question was at its height. The Dred Scott Decision had aroused the North. William E. Seward of

"In maintaining schools and colleges liberality is true economy."

New York was the most prominent leader against slavery, and the people of the east, New England especially, hoped to see him made president; but instead to the surprise and disappointment of many, Abraham Lincoln, a man almost unknown, was nominated for the presidency. So keen was the disappointment in New England that Dr. Angell felt something must be done to win that section over to Lincoln. It so happened that a former pupil of Dr. Angell's was then studying law in Lincoln's office in Illinois, and Dr. Angell wrote him to contribute some articles on Lincoln for his paper. The articles came but they were so profuse in matters not to the point that Dr. Angell revised them severely. This incident is of much interest to us because the young man who wrote the articles was John Hay, later the ambassador to Great Britain, Secretary of State, an author of distinction, one of our great statesmen.

Dr. Angell Not for Sale

One day when Dr. Angell was editor of the Providence Journal some politicians came to his office and inquired if the Journal could be bought. He replied that he presumed, like other property, it could be bought if enough was offered for it. It appeared, however, from their further conservation that it was the editor's influence and not the paper they wanted to buy. When Dr. Angell discovered this he held up his quill pen and said firmly: "As I have said, I presume you can buy the Journal but you have not money enough to buy this quill." The interview ended abruptly.

How Dr. Angell Came to Michigan

Dr. Angell had been president of the University of Vermont three years when, in 1869, he received a call to the University of Michigan. He did not accept because he felt it his duty to stay by the work in Vermont until it was well established. When two years later the invitation was repeated he hesitated about accepting so large a responsibility. A friend who had large business interests said to him, "I have found if you have a long lever it is as easy to raise a large load as to lift a small weight with a short lever." Dr. Angell accepted the position as president of the University of Michigan.

Diplomatic Honors

To adjust the trouble which was growing between the United States and China in regard to the immigration of the Chinese to this country, President Hayes, in 1880, sent Dr. Angell as minister to China. He also

"Time is a factor
in any great beneficent process."

put him at the head of a commission to negotiate treaties with that country. With singular tact and ability he was able to secure two treaties: one which provided for the exclusion of the Chinese from the United States, and the other which established trade relations between the two countries.

Later, in 1887, President Cleveland appointed Dr. Angell a plenipotentiary to represent the United States on a commission which negotiated the North Atlantic Fisheries Treaty with Great Britain. In 1895-1896, during President Cleveland's second term, he was chairman of the United States Commission on Deep Waterways from the Great Lakes to the Sea, and presided at the joint meetings with the Canadian Commissioners.

In 1897, Dr. Angell was again called to serve his country abroad. This time he was appointed Minister to Turkey by President McKinley.

Men and Events

General Grant was only seven years older than Dr. Angell; President Garfield and General Lew Wallace were two years younger. John Hay and Richard Olney were his students at Brown University. Grover Cleveland, Mark Twain, W. D. Howells, Bret Harte, and John Burroughs were babies when Dr. Angell was a boy. He was fourteen years old at the birth of McKinley, and through college before Eugene Field, Bill Nye, and James Whitcomb Riley were born. James Russell Lowell and Queen Victoria were but ten years older and Francis Joseph of Austria Hungary was near his own age. The writings of Whittier, Longfellow, Emerson, Holmes, Bancroft and Lowell began to appear when Dr. Angell was a boy. Jackson was president during his babyhood. The first railroad was built the year of his birth. The electric telegraph came into use and the Mexican war was fought during his college days. He was President of the University of Vermont when the Atlantic Cable was laid.

Early Events in the History of the University of Michigan

Congress in 1804 set aside a township in each of the three divisions of the Territory of Indiana for a seminary of learning. One of these divisions became the Territory of Michigan in 1805 and so received the grant.

By the treaty of Fort Meigs, in 1817, the Indians, (Ottawas, Chippewas, and Pottawatomies) gave three sections of land to the College of Detroit. This College of Detroit, established a month after the treaty, was the ancestor of the University. Judge Augusta B. Woodward drew

BIRD'S-EYE VIEW OF THE CAMPUS OF THE UNIVERSITY

Fidelity to duty, be our days many or few, is what gives value to life."

up the plan of the school and called it the Catholepistemiad, or the University of Michigania. The first faculty consisted of Rev. John Montieth from Princeton who was president and Father Gabriel Richard, vice-president.

In 1821, the Government and Judges gave to the institution the simple name of the University of Michigan. They gave to the University the power to establish colleges and schools so far as the funds would permit.

When Michigan became a state Isaac E. Crary was chairman of the Committee on Education in the Constitutional Convention. He drafted the article which provided for a State Superintendent of Public Instruction, and the the establishment of common schools, a library in each township, and a university.

The Rev. John D. Pierce, the first State Superintendent of Public Instruction, planned the school system for Michigan in his first report to the legislature. He provided for the government of the University by a Board of Regents and also for three departments: one of Literature, Science, and the Arts, one of Law, and one of Medicine. The report was adopted and the University established in March, 1837. It was located at Ann Arbor where a tract of forty acres of land was given by the Ann Arbor Land Company.

At one time the income from the lands given to the support of the University came near being distributed to establish colleges throughout the State. The bill passed the Senate and was defeated in the House by only one vote. Mr. Pierce secured the defeat of the bill by personal effort.

The very first professor appointed was Dr. Asa Gray, the noted botanist. He was sent to Europe to purchase $5,000 worth of books. This was the beginning of the library which now numbers 352,718 volumes.

The Regents received a loan from the state of $100,000. They had five buildings completed and ready to admit students in September, 1841. Five freshmen and one sophomore entered and two professors had charge of the work.

Dr. Henry Philip Tappan was chosen first president in 1851. The school then had seventy-two students with a faculty of ten professors.

The University

The University is composed of nine schools or colleges. They are named below:

College of Literature, Science, and the Arts
College of Engineering

"It is the men who have faith in the Truth who win victories for the Truth."

College of Architecture
Medical School
Law School
College of Pharmacy
Homoeopathic Medical School
College of Dental Surgery
Graduate School

It has 532 teachers and 7,498 students. These different colleges are united under one name, the University of Michigan.

Its students come from all parts of the world and its graduates are found in every state of the Union and on every continent of the globe.

There are more judges in the United States courts today who received their training at Ann Arbor than from any other university in the country. There are today twenty-six members of the national Congress who received their training at Ann Arbor—more than from any other university in the whole country.

The campus of the University comprises the original forty acres of land and nineteen buildings. Among these are University Hall, President's House, Library, Museum, Engineering Buildings, Medical Building, Natural Science Building and Law Buildings. Thirty-three other buildings are located near the campus. The University also owns Ferry Field (men's athletic grounds); a ninety acre arboretum and garden; the Saginaw Forestry Farm of eighty acres, one mile west of Ann Arbor; and the Bogardus Engineering Camp and Biological Station, a tract of 2,200 acres of land in Cheboygan County, seventeen miles south of the Straits of Mackinac.

The Michigan School System

Michigan was the first state in the United States to provide a complete system of public education beginning with the kindergarten and ending with the university. Not before in any country in all the world's history had a complete system of free education been attempted. Some day when you go to Ann Arbor you will find there over the rostrum in University Hall these words: "Religion, morality and knowledge being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged." These words, as you know, are taken from the Ordinance of 1787 which organized the Northwest Territory of which Michigan is a part. It is fortunate for us that the statesmen who is that early day laid the foundations for our government, held the views they did. It is also fortunate for us that the people who in the early day came to Michigan and made it their home, believed

"It is the men who believe something with all their heart, who achieve."

in education. Furthermore, it is fortunate that with them came great men who organized our educational system so as to make it serve all of the people. Among the greatest of these was Dr. Angell.

Every child in Michigan is offered a common school education. More than that, the law compels parents to send their children to school. Every child in the district schools of Michigan who completes the eighth grade receives an eighth grade diploma. His home district is then required to pay his tuition in some high school of the state. All the boys and girls of the country who wish to get a high school education are thereby aided in their effort. The high schools of Michigan are crowded with boys and girls from the country schools. There are twice as many boys and girls in the high schools of Michigan today as there were ten years ago, and there are now over fifty thousand.

Years ago only the children of the well-to-do could hope to go to college. One reason was that the poor did not have the money, and another reason was that even if they had money enough to go to college they did not have the necessary preparation to go. President Angell did more than any other one man in America to make it possible for every one to get a college education if he wanted it. He said to the high schools of Michigan, "If you will give your students work of a high grade character the University of Michigan will let your graduates enter without further examination." The result is that today if you graduate from a good high school your diploma will admit you to the University of Michigan.

Nearly forty years ago Dr. Angell made a speech which was a plea for higher education for the rich and poor alike. In this speech he said: "Have an aristocracy of birth if you will, or of riches if you wish, but give our plain boys from the log cabins a chance to develop their minds with the best learning and we fear nothing from your aristocracy. It will speedily become either ridiculous or harmless, or better still will be stimulated to intellectual activity by learning that in the fierce competitions of life something besides blue blood or inherited wealth is needed to compete with the brains and character from the cabins."

We are glad that Dr. Angell lived to see his great ambition realized, for there were last year in attendance at the institutions of higher learning in Michigan over fifteen thousand students. America leads the world with the highest percentage of men and women in college. More than any other one person Dr. Angell is responsible for this.

"Neither school nor college can entirely usurp the place of that rare teacher, experience."

Where Genius is Found

"Now, God bestows talent with impartial hand equally on the rich and the poor. He sows the seeds of genius in what might seem the unlikeliest spots. He often places the choicest jewels in the humblest settings. His rarest gifts of mind are dropped in the obscurest homes. As the son of Sirach has told us, 'Wisdom lifteth up the head of him that is of low degree, and maketh him to sit among great men.' It was on an Ayrshire peasant that Heaven bestowed the power of the sweetest song that ever rose on the Scottish hills. It was to the blacksmith's son, the book-binder's apprentice, Faraday, that the electric currents, in their rapid and unseen flight, paused to reveal their secrets. It was given to a colliery fireman to harness steam to our chariots and bear us as on the wings of the wind across the continent, and so to revolutionize the commercial methods of the world. It was on a man whose origin is so obscure that his parentage can scarcely be traced, that God laid the responsibility and conferred the power of leading us out of the disgrace of slavery and the blackness of darkness of civil war into the sweet light of true freedom and welcome peace. It is to a Michigan telegraph boy that God lends so divine a vision that he sees and measures and harnesses to his service the subtlest forces of nature. The scientific savants of the world look on in wonder as at the command of Edison dumb matter speaks, the word which died away upon the empty air weeks ago gains a resurrection and falls upon our ear again with a living voice. As distant Arcturus, more than 1,600,000 times as far away from us as our sun, reports visibly to him the almost infinitesimal quantity of heat which its pencil of light, after traveling its weary journey of more than five and twenty years, has brought with it to earth, we ask in amazement what revelation is next to be made through this interpreter, for whom nature seems to have lost her wonted coyness and secrecy."—*Pres. Angell*

Tributes

"President Angell has put the lower rung of the college within reach of every high school graduate in Michigan, to give him every incentive to climb for higher education. The mechanism has grown under his hands until it has become the largest and most complete of its kind."
—*Dr. Finley*

"Our greatest debt to Dr. Angell is for his philosophy of life. He taught us to look into the future with confidence, and a serene faith in the eternal fitness of things."—*Dean Mortimer E. Cooley*

"No life sacrificed for righteousness
and humanity is a failure at last."

"He belonged to the country and to the world, but he was more closely associated with Michigan than with any other place and he was ours in a peculiar way. Here he developed his full powers; in our state university he did his chief work. For years before his death he was Michigan's Grand Old Man, perhaps the state's offering to the nation of which it has most right to be proud in the last half century."—*Detroit Free Press*

"Deep in his loyal ties, strong in his faith, sincere in his friendships, gentle, gracious, and kindly toward all men,—we may not soon see his like again."—*Rev. Lloyd C. Douglass*

"It is impossible to put into words the sense of personal loss, that Michigan alumni all over the world will feel on hearing of Dr. Angell's death. He was so great and yet so simple that all could approach him and carry away a memory which would be an unfailing inspiration." —*Dean John R. Effinger*

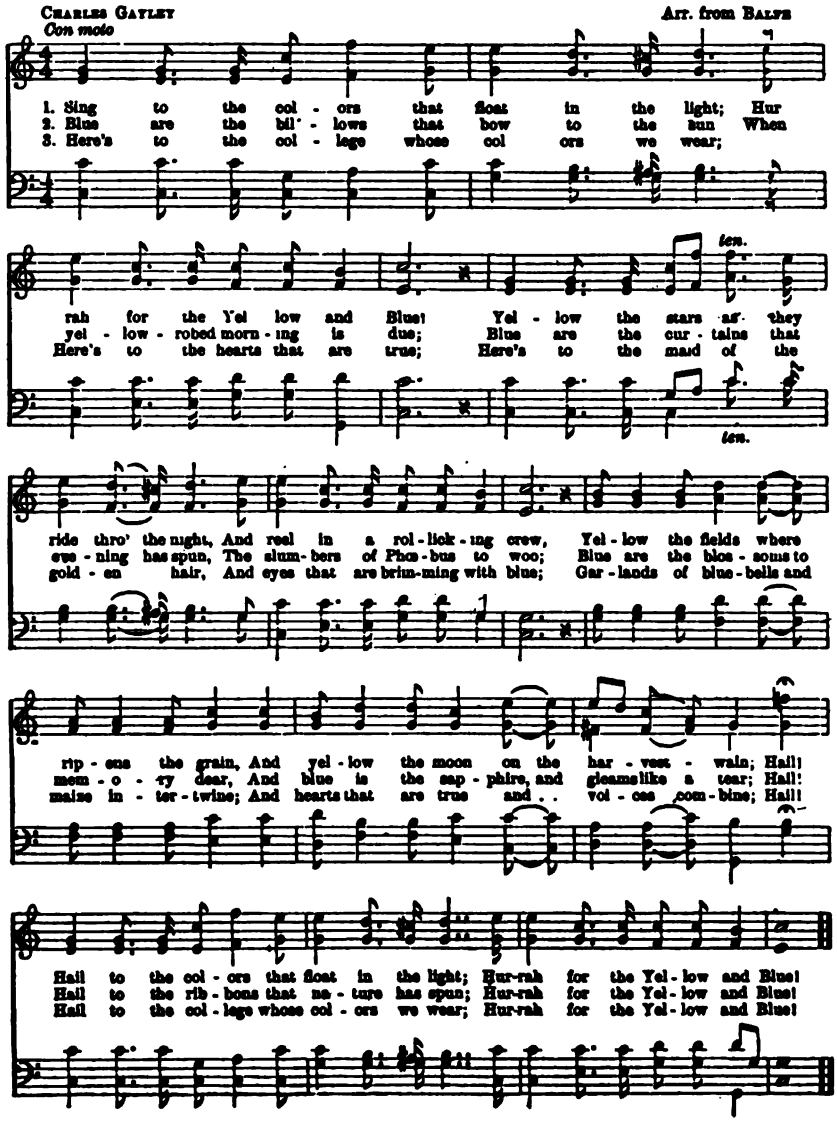
"To the memory of Dr. Angell monuments will be reared and his name will be perpetuated in endearing tablets; but his real monument after all is in the hearts of the people of this great Commonwealth to which he contributed so much and of the thousands who loved him and whose lives were molded by his influence."—*President Harry B. Hutchins*

"He is the 'beloved educator,' the 'teacher-diplomat,' 'the sane and scholarly citizen.' He was 'ripe in wisdom, just in judgment, gifted in oratory, a dispenser of sunshine and optimism, a consistent Christian, a lover of social intercourse, a man of simple tastes, perfectly at home in a granger's picnic, or a banquet of national ambassadors.' "—*H. R. Pattengill*

"It is well for us to remember in our endeavor to appreciate the man, that, at the age of thirty-five, Dr. Angell had accomplished what many would regard as the crowning glory of a life of strenuous effort. By the wisdom of his counsel, by the power of his writing, he came to be recognized as one of that remarkable group of newspaper men who largely shaped the political thought of the nation during those years of solicitude and uncertainty between 1860 and 1865. Such an accomplishment is ample evidence of trained and disciplined power."—*Professor H. C. Adams*

"Good as Michigan is, great as she is in her agricultural resources, great as she is in her commerce and in various means of acquiring and producing wealth, there is not anything in the State of Michigan, I may say that all the things put together in the State of Michigan do not accomplish so much towards giving this State a noble name in other states of the Union and throughout the world as does this same University of Michigan."—*Pres. Northrup, University of Minnesota*

THE YELLOW AND BLUE

(UNIVERSITY OF MICHIGAN)

CHARLES GAYLEY
Con moto
ART. from BALFE
1. Sing to the col - ors that float in the light; Hur
2. Blue are the bil' - lows that bow to the sun When
3. Here's to the col - lege whose col ors we wear;
rah for the Yel low and Blue! Yel - low the stars ar· they
yel - low - robed morn - ing is due; Blue are the cur - tains that
Here's to the hearts that are true; Here's to the maid of the
ten.
ten.
ride thro' the night, And reel in a rol - lick - ing crew, Yel - low the fields where
eve - ning has spun, The slum - bers of Phœ - bus to woo; Blue are the blos - soms to
gold - en hair, And eyes that are brim-ming with blue; Gar - lands of blue - bells and
rip - ens the grain, And yel - low the moon on the har - vest - wain; Hail!
mom - o - ry dear, And blue is the sap - phire, and gleams like a tear; Hail!
maize in - ter - twine; And hearts that are true and . . vol - ors com - bine; Hail!
Hail to the col - ors that float in the light; Hur-rah for the Yel - low and Blue!
Hail to the rib - bons that na - ture has spun; Hur-rah for the Yel - low and Blue!
Hail to the col - lege whose col - ors we wear; Hur-rah for the Yel - low and Blue!

MICHIGAN

Regal, indeed, are the gifts of nature to Michigan. A soil which bountifully rewards the toil of the husbandman and yearly fills to overflowing his granaries and barns; a climate so propitious that a large part of the state is a veritable paradise of fruits, where Heaven kindly draws the sting of frost from the west wind so that the breezes fall soft as the gales of Eden on the peach and the pear and the grape; mines richer in enduring wealth than those of Golconda; forests still magnificent in primeval grandeur, and rivaling the mines in value; salt wells which yield the wealth of subterranean seas in inexhaustible and unceasing stream; the broad lakes bound by the hand of God around the State, like a zone of beauty; the sky, the inland seas, the earth, nay, the waters under the earth, all combine to pour their richest contributions into the lap of this favored commonwealth.

Yet, with all these riches, poor indeed had been the State had not a brave, and manly, and intelligent people chosen it as their home. For earth, and sky, and water, and mine had all been here for ages. But savages could not of these make a prosperous commonwealth. It is intelligence and character alone which can make a great and thriving State. And so the grave question which pressed itself on the fathers still forces itself on us. How shall we train our children to make the most of these conspicuous advantages, to build a State which shall be truly great, to contribute their full part to the honor and glory of the nation, to lead happy and useful lives, to be a blessing to mankind? Can we do better than to answer this question in the spirit in which they answered it when, in accordance with the direction of the Ordinance of '87, they took care that schools and the means of education should be forever encouraged, and laid deep and strong the foundations of school and university.—Pres. James B. Angell

STANDARDS IN SCHOOL ARCHITECTURE

An address given by Fred L. Keeler, Superintendent of Public Instruction, at the Superintendents' Section of the National Educational Association, Kansas City, Missouri, February 28, 1917.

Mr. President, Ladies and Gentlemen:

I am to speak to you about standards of school architecture and schoolhouse construction. At once you are ready to hear of codes, requirements and regulations. But I am neither architect nor engineer and I shall not, therefore, enter a field I know nothing about; for such a venture (those of you familiar with some recent surveys will bear me out in this) would not even achieve the distinction of establishing a new precedent. I shall speak, rather, from the standpoint of a school man. I speak to a body of men who, like myself, are very directly concerned in school building problems. I shall indicate in general what qualities are essential in good school buildings and I shall try to suggest, also, some vital matters which should be observed in the procedure of erecting them.

Where shall we go for our standards in school architecture and schoolhouse construction? Whom shall we consult? You remember President Garfield's definition of a good school: "Garfield on one end of a log and Mark Hopkins on the other." Garfield was right. It takes a great pupil and a great teacher to make a good school. The modern school, however, attempts not only to serve the children but it also puts at the service of the whole community means of improvement both in study and in recreation. Garfield's definition lacks something. Practical considerations make the school building an essential part of a good school. A building which shall house a modern school is a complex structure and it is a GOOD schoolhouse in proportion as it permits a good school well to function in it.

In passing judgment on a school building we must consider the factors which vitally concern the welfare of the school and its individual members. We must consult also the needs of the community which the building serves. I would apply in the main five criteria. Obviously it is both impossible and unnecessary to discuss them in any detail—I can only mention them. What are these criteria?

UTILITY

A good schoolhouse must commend itself for its utility—first of all it must be a good place to teach school in. The arrangement of its parts must conform to good school practice as far as its instructional facilities are concerned and when I say good school practice I mean school practice of the conventional kind. No one is justified in incorporating his personal whims or current innovations. I know school buildings which were erected in moments of inspiration under the guidance of individuals who had peculiar notions which they designed the buildings to serve.

Their ideas, however, have not stood the test of time and these school buildings which cost a lot of money do not serve well today.

Not only should the building serve the traditional functions of a school but it must also provide facilities for physical training and for the activities of the community which are more or less of a social nature. The next great lesson which the American democracy must learn is cooperation. The great work of tomorrow must come from cooperation. The school building must serve as the center where people may gather for study, amusement and recreation. Everywhere we must work together and we can do this only by getting together. The school is the one place where regardless of race, color or creed, American citizens may gather. The more rural the community the more necessary is this feature in a school building. It is said that one reason why it is so difficult for farmers to reach workable plans of cooperation is because in childhood they never learned how to play. As pioneers they grew up in isolation and the only game possible was a game of scrub or pitching horse-shoe. They never learned to do team work and it is team work that counts nowadays. The schoolhouse of the future must be a place where people are taught both how to work and how to play. I am happy to say that in my own state no building of any account has been erected within the last three years which has not provided for all of these things. Michigan is getting ready for a good time.

HEALTH

Having ascertained the merits of the building as to its utility I would at once inquire as to its provisions for health and sanitation. Fortunately school hygiene has developed during the last few years into quite an exact science. We know with considerable certainty how to light a schoolroom properly. We know quite accurately what demands must be met to ventilate a school building properly. I am of the opinion, also, that the problem of school ventilation has been more satisfactorily solved than some are disposed to admit. Certainly the progress made in the last twenty-five years is very gratifying. While no one will claim that perfection has been reached along all lines of school hygiene I do claim that sufficient knowledge exists on the subject and valid enough standards have been determined so that school authorities can proceed quite confidently to avail themselves of the best practice of today.

SAFETY

Hand in hand with proper hygienic conditions I should look for the arrangements which insure safety. I believe that except in large cities where school grounds are small and expensive, we shall see less and less of school buildings that are more than two-stories high. A two-story building of fireproof construction, planned with ample corridors and sufficient exits properly placed, is safe at all times. However, if a building must have fire-escapes let them be constructed inside of the building on approved lines. The ordinary fire-escapes hung on the outside walls, passing often in front of windows which would permit flames to cut off egress, are at best a very hazardous safety appliance.

BEAUTY

A building which is serviceable, hygienic and safe is, indeed, a good school building—better perhaps than most buildings now in use. But there is a fourth feature which I think of more importance than present practice would indicate—school buildings should be beautiful. The public school system of this country is, of course, a young institution comparatively. Moreover, the population of the country has increased very rapidly and the exigencies under which school buildings are generally constructed have permitted consideration of only the absolutely necessary features. Such conditions have not as yet evolved aesthetic architecture. Is it not time, however, that school authorities and school architects make school buildings express some elements of beauty, both inside and outside? The school building is often the most conspicuous structure in the town. It is erected to stand for generations. Is it not worth while that in its construction some effort be given to the making of a building which shall have a positive, silent influence because of the beauty it expresses?

James Bryce in his "American Commonwealth" makes an observation which we should take to heart. He says that the most impressive feature of American architecture is its utter monotony. If he had referred particularly to school architecture his statement would have especial force. The style which has been in vogue the last decade is certainly deserving of this indictment. On my way here the other day I passed in a certain city two large buildings. The buildings bore a striking resemblance. Above one floated the American flag and I knew it was the home of an American public school. Above the other was a sign which informed me that this was the home of the "Gold Dust Twins." I wish to protest against this style of school architecture whose most prominent features are ugliness and monotony. A committee of school board members visited a building recently erected in one of the small towns of our state for the purpose of getting ideas to help them in erecting a schoolhouse in their own town. The building visited, which is not an expensive one, impressed them very much. The feature which attracted them most, however, was the large study room. On his return home one member of the committee expressed himself as follows: "I went back to that room several times and before I came away I went in just once more and sat down a little while because it felt so good to be there." What a fine compliment to the architect!

Now I do not mean that buildings should be ornamental, not at all. When Woodrow Wilson was president of Princeton University he selected from several sets of plans for a building one plan which at sight met his approval. When asked why he chose that particular plan he replied: "That architect has not attempted to construct beauty—he has put beauty in construction." That epigram I wish to submit as the fourth criterion in passing on the excellence of a building.

ECONOMY

The last test I would apply is economy, the item which usually receives first consideration. Competition has developed a type of building which gives the maximum schoolroom area for the minimum construction material. Commendable progress has been made in this department of

school building which can be expressed directly in dollars and cents. A generation ago there was a large amount of waste in the construction of a school building. There was much waste room within. The general outline of the building was very irregular and thus required more wall and foundation than is necessary for the area inclosed. A good example has come to my attention recently and it will make my point clear. Two small towns of our state have lately erected school buildings. The buildings have the same number of stories and the same floor area, yet one, owing to its unfortunate plan, has one hundred and sixty linear feet more of wall and foundation than the other. There is no valid excuse for this because by all standards the latter building is the better. The fact that there was a waste of twenty-five per cent in wall and foundation is a serious indictment of the judgment of the group of excellent business men who served on the board of education that erected the building. I do not speak of economy last to indicate that it is of minor importance. I am for economy but under no circumstances would I permit mistaken economy to cripple the excellence of a school building from any of the standpoints I have already mentioned. There is much need of education in the matter of wise economy in school building. These, then, are the standards by which I would judge a school building: Utility—both from instructional and recreational standpoints; health; safety; beauty; and economy.

How shall these qualities be secured? When the state compels a child to attend school it should also provide that the school building and the school premises, where the child must live one-third of the day, are satisfactory from all standpoints. The school premises in many instances are unfit even from the standpoint of decency and it is incredible that parents will suffer their children to go there. I wish parents would insist on better things. More than three-fourths of the states of the Union have laws which compel children to attend school and it is highly gratifying to note that two-thirds of the states of the Union have recognized their responsibility in providing adequate building facilities, and regulate more or less stringently the construction of school buildings. I am for compulsory education and for state regulation of school building.

State regulation, however, is as yet in an experimental stage. A few states, indeed, pride themselves on their very stringent laws and codes which specify definitely and minutely what is required. Now if we were absolutely certain that at last we know all that is to be known about school building we should be more justified in placing laws upon the statute books which compel school authorities to build according to their provisions. But we do not know all about it. The field is new. It is therefore unwise to prescribe rigid standards. Only one thing do we know is absolutely permanent and that is—change. I am always apprehensive when I see anything reach the stage where it is about to become standardized. I say this with all deference to the commendable efforts that are being made to standardize educational practice along all lines. I know school systems, however, and so do you, that are suffering today because a generation ago some strong man fastened upon the community a regime which at the time seemed to be the last word. Also, you will find about the country a certain type of school building erected in the sixties and seventies—a building with basement and three or four

stories and arranged to meet the current practice of that day. Our own state has a number of these buildings and in each case nothing but a dispensation of Providence can remove them. Happily Providence is often kind to Michigan. When these buildings were erected each community, of course, prided itself that it had the "best in the state" and tradition still lingers that the building is a most excellent one. It is safe to say that thirty or forty years hence the buildings which are now being erected in some states under rigid codes will be quite as much out of date as those to which I refer and it will be even more difficult to supplant or improve them because their construction and arrangement was in the first place dictated by the state. I am aware that what I say will not meet with favor in some quarters. Architects like to have definite and rigid requirements placed before them. Manufacturers, also, want definite requirements for they can then standardize their factories and turn out their product with a certainty that it is THE thing and the ONLY thing that can be used.

What then do I favor? Some states, and my own state is one of them, place the authority to approve building plans and to condemn unfit buildings, with some state authority—usually the state Superintendent of Public Instruction—leaving to the discretion of such authority what the requirements shall be. I favor this plan. I favor a code which will give due recognition to all ideas which stand in line with the best practice of the day. The state is then in a position where it can gradually eliminate what proves undesirable and acquire that which is good without going to the trouble each time of changing the statutes.

But as progressive school men you are interested in getting good buildings whether the state requires it or not. It is possible that you have never before had the experience of erecting a school building and the problem confronts you for the first time. The same is true of your board of education. I refer now more particularly to the school men of smaller cities for I find that in the large cities school men have very little voice in determining what the building shall be in which they must work. In the large city the building committee of the board of education and its architect as a rule assume all responsibility in planning schoolhouses, and they turn the buildings over to the school men to teach school in—if they can. But in smaller cities it is possible for you to take a part in planning the school building. How go about it? The first thing to do is to secure an architect, and let me say at once that the usual method of selecting an architect is a most unsatisfactory one. How is it done? It becomes noised about that a town is to erect a high school, we will say. Immediately from ten to one hundred architects come upon the scene. Among them are some honorable practitioners, men who put their heart and brain into their work. They come with the desire to get the job, of course, but they would like to erect a building which shall be an honest building, one which shall meet the requirements of the school in that community and which shall be an ornament to the town because it fits into its surroundings. For their work they expect legitimate pay. Others also come to get the job. They carry large albums full of pictures of buildings situated in all parts of the United States, many of which they have never even seen. These they give as illustrations of their own work. They present sketches of floor plans and exteriors in gaudy colors and urge their case with all the skill known to salesmanship.

For their work they ask very little of the board; how they live and flourish is worth inquiring. Am I putting the matter too strongly when I say that in this method of selecting an architect by so-called competition the poorest man invariably gets the job? There is a better way. I believe the Board of Education and the Superintendent of Schools should make a thorough investigation of men who are in reality architects and if possible, school architects. I am impressed that the most important human element in a school building is the character of the architect. I would secure a man of integrity and recognized ability and I would have this man work hand in hand with the local authorities to develop a building which shall embody all the elements I have named. Again and again I would submit for criticism the preliminary sketches to persons who have given study to the problem of school building. You cannot be too careful at this point. Time and again you have visited new school buildings and here and there mistakes have been pointed out to you that have crept in—partly through ignorance and partly through oversight. I repeat—put much study and criticism on preliminary plans. If your architect is one of limited experience be very careful; if he is one of high standing as a school architect then be twice as careful. An instance will make my point clear. A few days ago preliminary sketches for a half-million dollar high school were presented to us for criticism. The architect is a man of national reputation. The building which is to cover an entire block is of necessity rectangular in form. It was planned to inclose a court and also a gymnasium with an auditorium above it, both opening off the corridor opposite the main entrance. Such an arrangement is bad from several standpoints. First of all the auditorium and gymnasium are for the use not only of the school but also of the community and, as a matter of convenience, they should be be placed where they are directly accessible. Also in them large crowds will gather. To insure safety, therefore, they should open directly out-of doors. Furthermore, the auditorium and gymnasium of the building will be much in use during vacations, if there are any vacations. They should, therefore, be placed where in summer natural ventilation can be secured and not in the pit of an inclosure where there is neither air nor light. Lastly, it is needlessly expensive construction to place the gymnasium under the auditorium for it requires very heavy girders to span sixty to seventy feet and support the floor and load of the auditorium. It is no argument to point out that other architects of high standing have erected buildings like this in several of the large cities of the country. I don't care who the architect is or how many millions of dollars have been put into buildings of this kind in other places. The arrangement is bad. It would not be entertained a moment if it were not suggested by a noted architect. I want the school boards and the superintendents of this country to rid themselves of this blind faith in an architect, a thing which amounts almost to superstition. I yield to the architect on matters which involve the technique of construction but when it comes to matters which concern the arrangement of the school building from the standpoint of efficient administration in the light of educational and social needs I object most emphatically to the dictation of this or that architect, no matter how high his standing. The *good* school buildings in Michigan were built where the school man had his say.

Gentlemen, have we lived up to our opportunity in this field? Very properly we have busied ourselves with pupils and teachers and courses of study; but how often have we not found at last that we could not do the thing which should be done and in the way it ought to be done, all because the schoolhouse would not let us? And when it comes to the erection of a new building does our board of education turn to us for leadership? Or does it brush us aside and listen to a stranger who passes as an architect? If so, who is at fault? My friends, boards of education must be convinced that we are informed in this building business before they will follow our leadership in the expenditure of millions and millions of dollars which go into buildings every year.

My plea is that you recognize your opportunity; that you inform yourself on the subject; that you assume the responsibility; that hand in hand with the architect and the engineer you produce a building which shall be conspicuous for its abundance of good school sense.

ANNUAL REPORT, DETROIT AMERICANIZATION AND EVENING HIGH SCHOOLS

FRANK CODY, ASSISTANT SUPERINTENDENT

Showing an unprecedented and unexpected increase of 88.9 percent over the 1915-16 enrollment, the Evening High Schools were easily the outstanding feature of the year 1916-17. The demand for Technical and Commercial subjects was so far beyond all expectations that some little difficulty was experienced in securing a sufficient number of trained teachers to meet this tremendous demand. The Americanization schools showed a decrease of 85 percent over the year preceding, due to several causes. A large number of the foreigners completed their elementary work up to the seventh grade and entered the evening high schools in order to advance further and complete the first eight grades. This accounted for 1,096. The effect of the war upon immigration has also been felt and very few immigrants reached the city. A third reason was the lack of effective cooperation at the beginning of the evening school term of the local factories, and a fourth, the sudden springing up of a large number of private schools that held out glittering inducements to the foreigners. The latter proved more or less unsuccessful and most of them were closed within a few months. Their students, discouraged, did not care to enter the evening schools after their friends had so long a start. In January a strong campaign was made by the Americanization committee of the Board of Commerce and a number of local factories employing much foreign labor made known their policy to employes and succeeded in bringing hundreds into the schools. A series of attempts were made to interest the first generation of several races who had shown no interest in this work. Of these attempts the work with the Russian Jews was most successful. The Jewish leaders succeeded in bringing the old men to a realization of the importance of the work and succeeded in interesting many.

A big feature of the year was the socialization work, carried on by

cooperation with the Recreation Commission. This was more or less experimental in character but gives promise of a great future. Under this plan classes were held the first three evenings of the week and the fourth was devoted to socialization. Trained workers organized community centers at all of the Americanization schools, formed clubs of various kinds and brought the foreigners to regard the school as their own community center, where their social events, of varied nature, could be held. Music was specially featured and American songs learned. Several big joint sings were held, at the high schools and at the Board of Commerce. This work was topped off by a big Americanization night at the Board of Commerce auditorium. More than one thousand people watched the pageant of twenty-six nations in national costume, who performed their national dances and presented their flags to the spirit of America, receiving the Stars and Stripes in return.

The popularity of the evening high schools was gratifying. An active educational campaign was conducted in the big factories, offices and department stores during the summer months and when the schools opened for enrollment Cass and Central were filled to overflowing in the course of the first week. Northeastern was opened to relieve Central and almost immediately enrolled more than six hundred students in advanced courses. Shortly afterwards, Nordstrum, the new high school, was opened for evening work and was well patronized. Eastern jumped to the large enrollment of 1,300 and found itself overcrowded.

The largest enrollment was in the Commercial department. The introduction of the Gregg shorthand system proved more popular than the old method and classes held up remarkably well. Typewriters were at a premium and double shifts were made in most of their classes in order to accommodate the students. In previous years a noticeable falling off in attendance in these classes had been noticed during the first four weeks. To correct this, several of the schools placed an additional instructor in the large classes in order that each student could receive better initial attention. To cover a class of 60 thoroughly in an evening was an impossibility for one teacher especially when most of the enrollment consisted of beginners. At the end of the first month, the second instructor was withdrawn but the excellent effects of this system was at once apparent. The attendance was 50 percent better than in the preceding year.

A new course in Commercial Credits was installed at Central and proved popular. In addition to textbook work, bi-weekly lectures were given by prominent credit men. This effective method of treating the subject has caused a great demand for another section.

A reorganization and standardization of the Mechanical departments demonstrated its success by an enrollment of 1,484, almost 50 percent better than before. In offering mechanical drawing, it was discovered that the chief weakness of the student was his lack of practical mathematical knowledge. To overcome this difficulty, a course in Shop (Practical) Mathematics was given one evening a week and then these problems were worked out in the drawing room. The drawing classes met three hours, instead of the usual two. This had several obvious advantages. It gave the student the necessary mathematical knowledge and only kept him in school two evenings a week. The steady and excellent attendance proved the success of this work. Continuation

schools in other branches was in great demand. The schools are handicapped by the lack of machine shops, except Cass and Central, and this defect caused a huge waiting list at both of the above mentioned schools. To partially meet this demand, Cass was opened six evenings a week, instead of four.

This increase enrollment made felt the need for a larger number of instructors, with shop experience, who can meet these men and work out their problems with them. To meet this need, a training school for mechanical teachers was established at Cass and a series of lectures and practical demonstrations given. From the instructors attending these institutes will be chosen the men necessary to fill new places in the fall.

The heads of the several mechanical departments also standardized and correlated the work in mathematics and drawing, covering a two-year evening school course. This is especially helpful in caring for students who must be transferred from one school to another on account of convenient residence. They find the same work at every building and are able to start at the point they stopped at the first school.

The ususual enrollment in the seventh and eighth grade classes was gratifying. This course, covering one hundred nights, gives the same work covered in the daytime in these grades, with the exception of drawing, music, and manual training. The departmental method of instruction is followed and the attendance is remarkably good. At the close of school in March, Eastern graduated a class of 114, Central, Cass and Northwestern smaller groups. The standard of the Eastern class judged by application of the Curtiss tests was 2 percent better than the general day school average.

The makeup of these classes is not very complex. There are three distinct groups. The largest is the foreign division, most of whom have been through one, two or three years of work in the Americanization schools. These consist of the better educated and more ambitious class of immigrants. The majority are men. The second group is made up of those who were unable, years ago, to complete their elementary work and now feel the lack of it. They are largely the second and third generations of earlier immigrants. The third group is formed of those who because of unusual economic conditions are forced to secure working permits before they finish the eighth grade. To remedy this, the Department of Compulsory Education assigns them to the evening high schools and makes their attendance obligatory. This is the least ambitious and industrious of the three groups.

How long this work will continue or what numbers it will reach is problematical. A fairly conservative estimate places it at increasing figures for the next decade to be followed by a general decrease. After that time the second, and now large, group will have dwindled to insignificant proportions and the chief group will be first generation immigrants.

Extension work was continued along community lines in the high schools. In addition to sewing, millinery and cooking, the Board of Education reopened its gymnasiums for recreational work and gave lessons in swimming in all of the school tanks. Another new departure was the introduction of the community idea in music. These social groups, in singing and orchestra, were not especially large but a firm

foundation was established and is bound to result in great effects. Within a few years tremendous choruses and orchestras will be working in all of the schools and a greater interest in group singing established. The pendulum moves slowly and it is a long step from the old rural singing school to the urban neighborhood chorus but the essential features are not so divergently different. Eventually we must rebuild the primary group that tremendous industrial expansion has for the time destroyed. And that function belongs to the state and, more directly, to the school.

In the future the school and factory will be more closely connected through the new industrial department organized during the year. The teacher in charge grades the students according to factory and once a month visits each factory, from which students are enrolled, and makes a report upon their work. By consulting with the factory experts and observing the student in classes, the school and factory are better able to cooperate and see that each man is taking the type of work that will be most useful to him in his industrial life. The Evening High Schools have become great continuation schools carrying on a large scale the same types of work, with the same ultimate purposes, that the daytime continuation school does upon a much smaller scale.

The great demand just now is for the prolongation of the evening school term. Students entering in September would like to carry their work through until June, instead of being forced to break off in March and be idle until September. To care for this situation, the new calendar has been divided into three terms of fifty nights each. The first of these runs until Christmas, the second, until Easter, and the third closes the latter part of June. For those desiring schooling during the summer months, Cass Technical High School will be opened. When this new schedule is put into effect every high school will be open fifteen hours a day, doubling their usefulness both to student and to city.

To care for the new demand, the new high schools, Northern and Southeastern, will be opened in the fall. This will bring every high school in the city into full use and before the year is finished, they will probably all be filled to overflowing.

The greatest change will be in administration and is planned as an economy measure as well as a practical development. Instead of opening a large number of elementary Americanization schools, each with a corps of teachers, principal, janitor and engineer, the high schools will serve their districts in all respects from Americanization to the highest branches of work. A careful estimate has shown that this change will result in a saving to the city of more than $12,000 in administration and janitor service. The high schools that have hitherto been operated upon the six-six plan will now become ten-year schools. The high schools also furnish a greater opportunity for socialization work, equipped as they are with auditoriums and gymnasiums.

New courses in music for elementary teachers, salesmanship, shop chemistry, credits and economics will be offered at such schools where an active demand exists.

The detailed enrollment by subject and department at the several schools forms an interesting table that is herewith presented:

(Table A.)

TOTAL ENROLLMENT

The total enrollment (Table B) of the evening high schools, showing the percent increase in the last three years is indicative of the growing popularity of evening continuation work.

(Table B.)

ENROLLMENT IN AMERICANIZATION SCHOOLS

Although the comparative enrollment of the Americanization schools shows a decrease over the two years preceding (Table C), this apparent falling off has been discussed above.

(Table C.)

TABLE A.

Subject	Cass		Central		Eastern		Northwestern		Northeastern		Nordstrum		Western		Total	
	*Enr.	†Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.
COMMERCIAL:																
Arithmetic	101	82	68	36	41	18	117	59	19	15	.....	.....	58	21	404	231
Bookkeeping	94	77	50	38	91	44	53	27	35	28	25	17	69	37	417	268
Penmanship	38	30	28	17	26	16	.....	.....	.....	.....	.....	.....	.....	.....	90	63
Shorthand	90	73	77	55	77	55	59	28	43	31	56	28	79	34	480	304
Typewriting	175	146	116	89	203	109	169	64	76	63	56	28	128	75	924	574
Commercial Law	.....	.....	27	16	16	8	28	13	.....	.....	.....	.....	.....	.....	71	37
Totals Commercial	498	408	366	256	454	250	435	191	174	137	137	73	355	161	2,386	1,477
MECHANICAL:																
Shop math. and mechanical drawing	248	202	.....	.....	147	56	64	56	70	30	27	15	83	43	639	402
Arch. drawing	72	55	.....	.....	47	41	.....	.....	.....	.....	.....	.....	11	9	120	105
Electricity	193	179	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	193	179
Steam engineering	19	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	16
Tool designing	35	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	32
Pattern making	45	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	24	80	60
Forging	26	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26	21
Machine shop	232	218	69	61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	310	279
Printing	18	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	13
Sheet metal draft	53	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53	46
Totals Mechanical	941	818	69	61	194	97	64	56	70	30	27	15	129	76	1,483	1,153
HOUSEHOLD:																
Cooking	.....	.....	13	10	23	12	.....	.....	25	25	.....	.....	30	17	91	64
Sewing	.....	.....	67	65	70	47	40	35	86	48	25	16	55	22	343	233
Millinery	.....	.....	44	41	.....	.....	.....	.....	.....	.....	.....	.....	26	16	70	57
Totals Household	.....	.....	124	116	93	69	40	35	111	73	25	16	111	55	504	354

TABLE A—*Continued.*

Subject	Cass		Central		Eastern		Northwestern		Northeastern		Nordstrum		Western		Total	
	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.
LANGUAGE:																
French	.....	.....	41	36	32	15	.....	.....	.....	.....	.....	.....	.....	.....	73	51
German	.....	.....	25	13	21	9	.....	.....	.....	.....	.....	.....	.....	.....	46	22
Latin	.....	.....	23	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23	20
Spanish	.....	.....	102	83	10	6	19	18	.....	.....	.....	.....	.....	.....	131	107
English	88	66	201	135	92	30	33	24	155	59	17	9	65	22	563	279
Totals Language	88	66	392	287	155	60	52	42	155	59	17	9	65	22	836	479
RECREATION:																
Gymnasium	66	59	88	85	125	64	187	164	.....	.....	26	25	67	49	559	447
Swimming	.....	.....	66	65	53	24	.....	.....	.....	.....	.....	.....	43	25	162	114
Totals Recreation	66	59	154	150	178	88	187	164	.....	.....	26	25	110	74	721	561
MUSIC GROUP:																
Chorus	.....	.....	47	47	33	20	.....	.....	.....	.....	.....	.....	.....	.....	80	67
Orchestra	.....	.....	.....	.....	20	8	.....	.....	.....	.....	.....	.....	35	26	53	34
Totals Music	.....	.....	47	47	53	28	.....	.....	.....	.....	.....	.....	35	26	133	101
SCIENCE:																
Chemistry	48	38	31	29	.....	.....	16	11	.....	.....	.....	.....	19	15	114	93
Chemistry for nurses	35	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	33
Physics	.....	.....	20	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	17
Pharmacy	17	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	15
Totals Science	100	86	51	46	.....	.....	16	11	.....	.....	.....	.....	19	15	186	158

TABLE A.—*Concluded*

Subject	Cass		Central		Eastern		Northwestern		Northeastern		Nordstrum		Western		Total	
	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.	Enr.	el.	Enr.	Bel.	Enr.	Bel.	Enr.	Bel.
Seventh and eighth	1	103	65	51	201	121	37	33	148	75	26	17	51	20	643	345
Drawing			85	55											85	55
Algebra	72	53	49	39									51	25	172	117
Geometry			33	23									14	10	47	33
Commercial credits			58	40											58	40
Spelling													91	20	91	20
Total	187	156	290	208	201	121	37	33	148	75	26	17	207	75	1,096	610

*Enrollment.
†Belonging.

TABLE B

	1914-15	1915-16	1916-17
Cass Technical	1,380	1,868	3,050
Central	1,710	1,357	2,238
Eastern	836	884	1,390
Northwestern	181	300	794
Western	603	505	747
Northeastern	.....	.....	645
Nordstrum	.....	.....	200
Totals	4,710	4,914	9,064

% increase over 1914-15—92.2%
% increase over 1915-16—88.9%

TABLE C

ENROLLMENT AMERICANIZATION SCHOOLS

Schools	1914-15	1915-16	1916-17	% increase over 1914-15	% increase over 1915-16
Bishop	683	526	371	−84.3	−40.9
Campbell	190	407	233	22.6	−74.6
Capron	154	180	250	62.3	38.8
Chaney	.....	62	228	.....	267.7
Dwyer	.....	693	491	.....	−41.1
Everett	318	493	332	4.4	−48.4
Ferry	.....	261	225	.....	−16
George	.....	417	349	.....	−19.4
Greusel	699	957	230	−203.9	−316
Logan	.....	95	165	.....	73.6
McMillan	310	597	307	−.9	−94.4
Majeske	.....	712	270	.....	−163.7
Newberry	429	738	208	−106.2	−254.8
Scripps	321	470	161	−99.3	−191.9
Sill	.....	198	74	.....	−167.5
Trowbridge	344	741	266	−29.3	−178.5
Franklin Street Settlement	61	350	108	77	−224
Totals	3,309	7,897	4,268	21.6	−85

TABLE C-A

ENROLLMENT NEW AMERICANIZATION SCHOOLS 1916-17

Bellevue	108
Duffield	130
Ellis	183
Garfield	275
Lillibridge	315
McKinstry	184
Morley	193
Northeastern	148
Parke	162
Rose	76

STATE OF MICHIGAN
Department of Public Instruction
LANSING

Certification of Teachers

BULLETIN NO. 6

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I. CERTIFICATES GRANTED BY THE STATE BOARD OF EDUCATION

The State Board of Education grants the following certificates:
Life Certificates:
- A State Certificate
- A College Certificate
- A Normal Certificate
- An Indorsed Certificate

Limited Certificates:
- A College Certificate
- A Graded Certificate
- A Rural Certificate

LIFE CERTIFICATES

A Life Certificate Granted Upon Examination

Date of Examination:
The examination shall be held the second full week in August of each year.

Where Examination is Held:
The examination shall be held at the office of the Superintendent of Public Instruction at Lansing.

Requirements:
(a) Applicant must be at least eighteen years of age.
(b) Applicant must have taught in the schools of this state for at least two years.
(c) Applicant must file with the Secretary of the State Board of Education a statement of the length of time spent in teaching in the schools of Michigan, written testimonials from responsible persons as to moral character, and written statements from present or former employers as to success in teaching.
(d) Applicant must pass a satisfactory examination in orthography, reading, penmanship, arithmetic, algebra, geometry, grammar, geography, United States history, general history, civil government, theory and art of teaching, physics, physiology and hygiene, botany, rhetoric, general literature and any three of the following: Latin, German, geology, zoology, and chemistry.

Duration and Validity:
A state certificate granted upon examination is valid for life in all schools of the state, provided a copy of the certificate shall have been filed in the office of the legal examining officer of the county or city in which the holder is to teach.

College Life Certificate

Requirements:
(a) A college life certificate may be granted to any person who is at least eighteen years of age and has received a bachelor's, master's, or doctor's degree as provided in the requirements for a college limited certificate provided such person files with the State Board of Education satisfactory proof of having taught for three years. This proof may be filed at the time of graduation or at any time thereafter when the teaching requirement has been fulfilled.

(b) Applicant should apply to the Superintendent of Public Instruction, who is Secretary of the State Board of Education, for the proper blank to be filled out in making application for such certificate.

Duration and Validity:
The college life certificate shall be valid for life in all schools of the state, provided a copy of the certificate shall have been filed in the office of the legal examining officer of the county or city in which the holder is to teach.

Normal Life Certificate

Requirements:
(a) Applicant must be at least eighteen years of age.
(b) Applicant must have completed one of the advanced courses of study in a Michigan state normal school, which course shall require not less than four years for its completion or which shall require not less than two years of work in advance of the high school.

Duration and Validity:
The normal life certificate shall be valid for life in all schools of the State, provided a copy of the certificate shall have been filed in the office of the legal examining officer of the county or city in which the holder is to teach.

Indorsed Life Certificate

Note: The State Board of Education may in its discretion, indorse state teachers' certificates granted upon examination, normal school diplomas or certificates, or other state certificates granted in other states, if it be shown to the satisfaction of said board that such certificates are for life and that the examinations required or courses of study pursued are fully equal to the requirements of this state. The State Board of Education will not indorse certificates granted in other states unless it has established reciprocal relations with such states. College diplomas, university diplomas, and degrees from educational institutions can not be indorsed unless they operate as unlimited life certificates.

Requirements:
(a) Applicant must be at least eighteen years of age.
(b) Applicant must file with the Superintendent of Public Instruction, who is Secretary of the State Board of Education, his or her diploma or certificate, testimonials from persons who can certify to the applicant's scholarship and teaching ability, and a sworn statement showing scholarship, experience and success as a teacher. Application should be made to the Superintendent of Public Instruction for the proper blank to be filled out and filed with the diploma or certificate.
(c) The certificate to be indorsed:
(1) Must qualify for life.
(2) Must be granted upon examination or on the completion of a course of study, which must be fully equal to the examination or course of study of Michigan for the purpose of securing a life certificate.
(3) Must qualify to teach any subject in any of the public schools of the state where granted.

Duration and Validity:
The indorsed life certificate shall be valid for life in any of the public schools of Michigan provided a copy of the certificate shall have been recorded in the office of the legal examining officer of the county or city in which the holder is to teach.

LIMITED CERTIFICATES

College Limited Certificate

Requirements:
(a) Applicant must be at least eighteen years of age.
(b) Applicant must have received a bachelor's, master's or doctor's degree from a college in this state having a course of study of not less than four years in addition to the preparatory work necessary for admission to the University of Michigan.

(c) Applicant, in addition to or as a part of such course, must have completed a course in the science and art of teaching of at least one college year of five and a half hours per week and also must have had an opportunity for observation of the actual work done in the grades and high schools of this state.

Duration and Validity:

The college limited certificate shall be valid for four years in all schools of the state, provided a copy of the certificate shall have been filed in the office of the legal examining officer of the county or city in which the holder is to teach.

Graded Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have completed a course of study requiring forty-two weeks of work in a Michigan state normal school, all of which is in advance of the high school.

Duration and Validity:

The graded certificate shall be valid in the schools of the state for three years, provided a copy of the certificate shall have been recorded in the office of the legal examining officer of the county or city in which the holder is to teach.

Renewal:

The graded certificate *is not* renewable.

Rural School Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have completed a course of study requiring forty-two weeks of work in a Michigan state normal school, all of which is in advance of the high school.

Duration and Validity:

The rural certificate shall be valid for three years in any school in the state up to the tenth grade provided a copy of the certificate shall have been recorded in the office of the legal examining officer in the county or city in which the holder is to teach.

Renewal:

The rural certificate may be renewed for a period of three years.

II. CERTIFICATE GRANTED BY THE REGENTS OF THE UNIVERSITY OF MICHIGAN

Life Certificate

The Regents of the University of Michigan may grant a life certificate.

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must receive a bachelor's, master's or doctor's degree from the department of literature, science and the arts of the University of Michigan.

(c) Applicant must have a teacher's diploma for work done in the science and art of teaching in the University.

Duration and Validity:

A certificate granted by the Regents of the University of Michigan shall be valid for life in all schools of the state, provided a copy of the certificate shall have been recorded in the office of the legal examining officer or officers of the county, township, city or district in which such person is to teach.

III. CERTIFICATE GRANTED BY THE STATE BOARD OF AGRICULTURE

Agricultural College Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have completed the regular four year course in agriculture given at the Michigan Agricultural College, and which course shall include also at least one-half year of special instruction in pedagogics.

Duration and Validity:

The Agricultural College Certificate is valid for three years to teach agriculture and the related sciences in all schools of the state, provided it shall have been recorded in the office of the legal examining officer or officers of the county or city in which the holder is to teach.

IV. CERTIFICATES GRANTED BY THE SUPERINTENDENT OF PUBLIC INSTRUCTION

The Superintendent of Public Instruction grants the following certificates:

A Music Certificate
A Manual Training Certificate
A Physical Training Certificate
A Drawing Certificate
A Kindergarten Certificate
A Domestic Science and Art Certificate

SPECIAL LIFE CERTIFICATES

Music Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have finished a course of at least two years in music under a private instructor and must have passed an examination satisfactory to the music director of a state normal school in this state, or must have finished a course of at least two years in music in any one of the following institutions:

The University of Michigan.
A state normal school of this state.
A college incorporated under the general laws of this state.
An institution whose course of study is acceptable to the Superintendent of Public Instruction of this state.

(c) Applicant must present to the Superintendent of Public Instruction a statement from the proper authorities of the institution attended certifying that the required amount of work has been completed.

Duration and Validity:

A music certificate is valid for life to teach music only in all schools of the state.

Manual Training Certificate or Physical Training Certificate or Domestic Science and Art Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have finished a course of at least two years in manual training, in physical training, or domestic science and art in any one of the

following institutions:

The University of Michigan.
A state normal school of this state.
A college incorporated under the general laws of this state.
An institution whose course of study is acceptable to the Superintendent of Public Instruction of this state.

(c) Applicant must present to the Superintendent of Public Instruction a statement from the proper authorities of the institution attended certifying that the required amount of work has been completed.

Duration and Validity:

A manual training certificate, a physical training certificate, or domestic science and art certificate is valid for life in all schools of the state and qualifies the holder to teach the subject named on the certificate.

Drawing Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have finished a course of at least one year in drawing in one of the following institutions:

The University of Michigan.
A state normal school of this state.
A college incorporated under the general laws of this state.
An institution whose course of study is acceptable to the Superintendent of Public Instruction of this state.

(c) Applicant must present to the Superintendent of Public Instruction a statement from the proper authorities of the institution attended certifying that the required amount of work has been completed.

Duration and Validity:

A drawing certificate is valid for life to teach drawing only in all schools of the state.

Kindergarten Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must be a graduate of a kindergarten school whose course of study is approved by the Superintendent of Public Instruction of this State and must have at least one of the following qualifications:

1. A teacher's certificate in force.
2. A diploma from a reputable college of the state.
3. A diploma from a high school having a four-year high school course.

(c) Applicant must present to the Superintendent of Public Instruction a statement from the proper authorities of the institution attended certifying that the required amount of work has been completed.

Duration and Validity:

A kindergarten certificate is valid for life to teach kindergarten and first grade only in all schools of the state.

V. CERTIFICATE GRANTED BY THE COUNTY NORMAL BOARD

COUNTY NORMAL BOARD

School commissioner of county where county normal is located.
City superintendent of schools where county normal is located.
Superintendent of Public Instruction.

COUNTY NORMAL CERTIFICATE

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have completed one year of work in a county normal training class of this state.

Duration and Validity:

A county normal certificate is valid for three years in all schools of the county in which it is granted and which do not employ more than two teachers.

Transfer:

Original or renewal certificates become valid, in all schools not employing more than two teachers, in any county of this state when indorsed by the county board of school examiners of such county.

Renewal:

(a) An original certificate may be renewed by the county normal board if the applicant has been successfully and continuously teaching in the rural schools and has shown proper professional interest in all county educational enterprises, such as institutes, teachers' meetings, reading circle, etc.

(b) A second renewal may be granted if in addition to the above conditions, such applicant has since graduation received four twelve-weeks' credits at one of the state normal schools or any other institution approved by the Superintendent of Public Instruction, and such credits are satisfactory to the Superintendent of Public Instruction.

(c) Application for renewal must be made to the county commissioner of schools of the county in which the original certificate was granted.

VI. CERTIFICATES GRANTED BY THE SUPERINTENDENT OF SCHOOLS AND THE BOARD OF EDUCATION IN CITY DISTRICTS

NOTE:—In city school districts of incorporated cities employing a principal of the high school and also a superintendent of schools who gives not less than one-third of his time to school supervision, the superintendent of schools and the board of education, or a committee thereof, shall be empowered to examine their teachers and grant certificates to such as are not already legally qualified, at such time, in such form, and in accordance with such terms and conditions as the Superintendent of Public Instruction shall prescribe.

Every school district shall employ only such teachers as are legally qualified. Any school district that shall violate the provisions of the law by employing a teacher who is not legally qualified, shall forfeit such a proportion of the primary money as the number of unqualified teachers employed bears to the whole number of teachers employed in the district.

CITY CERTIFICATES

The superintendent of schools and the board of education of a city district may grant the following certificates:

A First Grade City Certificate
A Second Grade City Certificate
A Third Grade City Certificate

First Grade City Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must pass an examination in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, and any four of the following studies; algebra, botany, general history, rhetoric, physics, geometry. The applicant shall be required to take an examination in any subject not named herein if he is required to teach it and he shall also take an examination in such other subjects as the superintendent of schools and board of education shall prescribe.

Duration and Validity:

A first grade city certificate is valid for four years in any grade of the schools in the city in which it is granted.

Second Grade City Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must pass an examination in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, also music and drawing if he is required to teach them, and any two of the following branches: algebra, general history, botany and physics. The applicant shall also be required to take an examination in such other subjects as the superintendent of schools and board of education shall prescribe.

Duration and Validity:

A second grade city certificate is valid for two years in the grammar (second four) grades of the schools in the city in which it is granted.

Third Grade City Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must pass an examination in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, also in music and drawing if he is required to teach them.

Duration and Validity:

A third grade city certificate is valid for two years in the primary (first four) grades of the schools in the city in which it is granted.

Exemptions from Examination

(a) Any person holding a first grade certificate issued by any county board of school examiners of Michigan or an indorsed first grade certificate may be granted a city first grade certificate without examination, except in such subjects as the superintendent of schools and the board of education of the city may require.

(b)) Any person holding a second grade certificate issued by any county board of school examiners of Michigan may be granted a city second grade certificate without examination, except in music and drawing.

(c) Any person holding a third grade certificate issued by any county board of school examiners of Michigan, may be granted a city third grade certificate without examination, except in music and drawing.

(d) Any person who is a graduate of the University of Michigan.

(e) Any person who is a graduate from a university or reputable college in another state.

RULES AND REGULATIONS GOVERNING THE GRANTING OF CITY CERTIFICATES

1. Examinations for such persons as desire to teach in the city schools where by law the board of education is authorized to examine teachers shall be held by the superintendent of schools and board of education at such time and place as they may determine.
2. The superintendent of the city schools with the approval of the board of education shall prepare questions for the examinations.
3. All certificates shall be signed by the superintendent of the city schools and two members of the committee on examination.
4. A record of the granting of certificates and the renewal of the same shall be kept by the superintendent of schools.
5. Blank certificates are furnished by the Department of Public Instruction.
6. Second and third grade city certificates expire two years from the first Monday in September following the date of the examination. First grade city certificates expire four years from the first Monday in September following the date of examination. Any city certificate may be renewed under such conditions as the superintendent of schools and board of education shall prescribe.
7. Every teacher of manual training, physical training, domestic science, music, drawing, kindergarten or agriculture must hold a teacher's certificate which would qualify for general teaching in the schools of the district, unless such teacher is the holder of a special certificate qualifying to teach the special subject. (See Certificates issued by the Superintendent of Public Instruction and by the Agricultural College.)
8. A person holding a teacher's certificate granted by the Regents of the University of Michigan, or by the State Board of Education of Michigan, becomes legally qualified to teach in any county or city upon filing a copy of said certificate with the examining board of the county or city in which the holder desires to teach. A person holding such certificate, properly filed, need not be granted a city certificate.
9. A person holding a certificate granted by the county board of school examiners, qualifying the holder to teach all grades, is legally qualified to teach in any city in the county in which the certificate is granted.
10. Persons employed to teach in the day schools for the deaf must be graduates of training schools for deaf teachers and such teachers must hold certificates just as the other teachers of the city.
11. A city having a special and thoroughly equipped normal training department, under the direction of a special training teacher, such training department having a course of not less than one year, may grant certificates without examination to the graduates of such training department.

VII. CERTIFICATES GRANTED BY THE COUNTY BOARD OF SCHOOL EXAMINERS

The county board of school examiners grants the following certificates:

A First Grade Certificate
A Second Grade Certificate
A Third Grade Certificate
A Transferred Certificate
A Special Certificate (granted by the commissioner)

FIRST GRADE CERTIFICATES

County First Grade Certificate

Requirements:

(a) Applicant must be at least eighteen years of age.
(b) Applicant must have taught for at least one year with ability and success.

(c) Applicant, if he has attained twenty-one years of age, must be a citizen of the United States.

(d) Applicant must pass a satisfactory examination in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, agriculture, school law, state course of study, geometry, algebra, botany, general history and physics.

Duration and Validity:

A first grade certificate is valid for four years in all schools of the county in which it is granted.

Renewal:

A first grade certificate may be renewed indefinitely without examination by the county board of school examiners if the holder has had an average standing of at least eighty-five per cent in all studies covered in two or more previous examinations and has been continuously and successfully teaching since such last examination.

Indorsed First Grade Certificate

Requirements:

All county first grade examination papers favorably passed upon by the county board of school examiners, together with the certificate, shall be forwarded to the Superintendent of Public Instruction within ten days from the examination for his inspection and indorsement.

Duration and Validity:

The indorsed first grade certificate is valid in all schools in any county of the state provided a copy of the certificate shall have been recorded in the office of the county commissioner of the county in which the holder is to teach.

Renewal:

The indorsed first grade certificate may be renewed indefinitely without examination by the county board of school examiners and the Superintendent of Public Instruction, if the holder has had an average standing of at least eighty-five per cent in all studies covered in two or more previous examinations and has been continuously and successfully teaching since the granting of the last certificate. It may be renewed either in the county where granted or in the county where the holder thereof is teaching at the expiration of the same.

SECOND GRADE CERTIFICATE

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant must have taught for at least seven months with ability and success.

(c) Applicant, if he has attained twenty-one years of age, must be a citizen of the United States.

(d) Applicant must pass a satisfactory examination in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, agriculture, school law, state course of study, and in any two of the four following: algebra, botany, general history, physics.

Duration and Validity:

The second grade certificate is valid for three years in all schools of the county in which it is granted.

Renewal:

The second grade certificate may be renewed indefinitely without examination if the holder has had an average standing of at least eighty-five per cent in all studies covered in two or more previous examinations and has been continuously and successfully teaching since such last examination.

THIRD GRADE CERTIFICATES

There are two classes of third grade certificates, Class A and Class B

THIRD GRADE CERTIFICATE, CLASS A

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant, if he has attained the age of twenty-one, must be a citizen of the United States.

(c) Applicant must have taught continuously and successfully for at least three years next preceding the examination in primary departments of graded schools.

(d) Applicant must pass a satisfactory examination in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, agriculture, school law and state course of study.

Duration and Validity:

The third grade certificate, Class A, is valid for one year in the primary (first four) grades of graded schools of the county in which it is granted. But third grade certificates granted at the April examination will not expire until the thirtieth day of June of the following year.

Renewal:

The third grade certificate, Class A, may be renewed indefinitely without examination if the holder has had an average standing of at least eighty-five per cent in all studies covered in two or more previous examinations and has been continuously and successfully teaching since such last examination.

THIRD GRADE CERTIFICATE, CLASS B

Requirements:

(a) Applicant must be at least eighteen years of age.

(b) Applicant, if he has attained twenty-one years of age, must be a citizen of the United States.

(c) Applicant if without experience must have had professional training according to law. (See page 117.)

(d) Applicant must pass a satisfactory examination in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, agriculture, school law and state course of study.

Duration and Validity:

The third grade certificate, Class B, is valid for one year in all schools of the county in which it is granted. But third grade certificates granted at the April examination will not expire until the thirtieth day of June of the following year. Not more than three certificates, Class B, can be granted to the same person.

Renewal:

The third grade certificate, Class B, may be renewed once without examination if the holder has had an average standing of at least eighty-five per cent in all studies covered in the two previous examinations and has been continuously and successfully teaching since such last examination.

TRANSFERRED CERTIFICATES

Certificates of the *second* and *third* grades may be transferred from one county to another.

Requirements:

(a) The holder of the certificate to be transferred must request the county commissioner of schools to send the papers on which the certificate was granted to the county board of school examiners of the county where the transferred certificate is desired.

(b) If such papers are accepted by the county board of school examiners they examine them, and if satisfactory grant a certificate.

Duration and Validity:
The transferred certificate expires on the same day as the original certificate granted on the same papers.

Renewal:
The transferred certificate may be renewed in the county which granted the same and under the same condition that an original second or third grade certificate may be renewed.
NOTE:—1. The county commissioner of schools may use his discretion in transferring examination papers to another county. 2. The examining board of such county may use its discretion in receiving them. 3. A renewed certificate cannot be transferred.

SPECIAL CERTIFICATE

Granted by County Commissioner of Schools

Date and Place of Examination:
The date and place of examination are fixed by the county commissioner of schools.

Requirements:
(a) Applicant must be at least eighteen years of age.
(b) Applicant, if he has attained twenty-one years of age, must be a citizen of the United States.
(c) Applicant if without experience must have had professional training according to law. (See page 117.)
(d) Applicant must pass an examination satisfactory to the county commissioner of schools in orthography, arithmetic, theory and art, geography, government, United States history, grammar, physiology, reading, penmanship, agriculture, school law and state course of study.

Duration and Validity:
The special certificate qualifies the holder to teach in a specified district of the county in which it is granted until the next regular county examination for teachers. A second special certificate cannot be granted to the same person within three years.
NOTE:—The county commissioner of schools may use his discretion in granting special certificates.

THE COUNTY TEACHERS' EXAMINATION

Program for Teachers' Examination

The program given below is mandatory and must not be varied to accommodate tardy applicants or for any other reason.

FIRST DAY

A. M.	P. M.
Orthography and spelling	Geography
Arithmetic, mental and written	Government
Theory and art	United States history

SECOND DAY

A. M.	P. M.
Grammar	Penmanship
Physiology	Agriculture
Reading	School law
	State course of study
	Geometry (first grade)

THIRD DAY

For first and second grade applicants:

Algebra, botany, general history, physics.

As applicants for second grade certificates are required to write only two of these four subjects, all second grade subjects must be finished during the forenoon of the third day; first grade applicants may write both forenoon and afternoon.

RULES GOVERNING EXAMINATION

1. The packages of questions shall not be opened until the day designated for their use.
2. The commissioner shall then break the seal and open them in the presence of the teachers and direct their distribution.
3. The questions for each half day must be finished before any applicant is excused. No applicant shall be permitted to write on any subject except as provided in the schedule.
4. Applicants who are absent at its opening shall not be admitted to the examination except by the unanimous consent of the board of examiners.
5. No candidate shall leave the room or communicate with any other candidate or with any visitor during the examination except by permission of the commissioner.
6. All papers must be written on legal cap paper unless the commissioner prescribes or permits some other size.
7. The commissioner shall be the custodian of the examination papers at all times and (with the exception of first grade papers filed with the Superintendent of Public Instruction) they shall be kept on file at the commissioner's office during the life of the certificate.
8. The law provides that the board of school examiners shall meet on the Saturday of the week following each public examination and shall grant certificates to teachers. The date of such certificates should correspond to the date of issue.
9. The Superintendent of Public Instruction would advise that third grade certificates be not transferred unless absolutely necessary.
10. An applicant for a third grade certificate must write on all required subjects at one examination. Standings cannot be carried over from one examination to another for third grade certificates.
11. An applicant for a second grade certificate may apply the standings received on any two examinations within a year provided that all of the subjects required for a third grade certificate must be written on the first trial.
12. An applicant for a first grade certificate may apply the standings received on any two examinations within a year provided that all of the subjects required for a third grade certificate must be written on the first trial.

CONCERNING INDORSED FIRST GRADE CERTIFICATES

13. In marking papers sent to the Superintendent of Public Instruction special attention will be given in arithmetic to form of work, concise statements and accuracy. In grammar allowance will be made for different authorities.
14. The Superintendent of Public Instruction will report standings of first grade applicants as follows: "A" indicates standings above eighty-five per cent; "B" indicates standings from seventy-five to eighty-five per cent; "C" indicates standings below seventy-five per cent.
15. The commissioner of schools should send papers to the Superintendent of Public Instruction in envelopes furnished by the Department of Public Instruction. In order that there may be a complete record in the Department of Public Instruction the blanks on the envelopes must be filled out.

THE LAW REQUIRING PROFESSIONAL TRAINING

(Extract from the Law passed 1915)

"no certificate shall be granted under the provisions of this act to any person who shall not have completed a term of at least six weeks' work in professional training in a state normal school or in one of the county normal training classes of the state or any normal training school conducted by any municipality in the state, or in any school approved by the state superintendent of public instruction, but the completion of one-half year of work in a school maintaining four years of work above high school rank shall be accepted in lieu of this requirement. This proviso, however, shall not apply to persons who have taught in the schools of the state for at least five months prior to July one, nineteen hundred sixteen."

EXPLANATIONS

No teacher's certificate can be granted by the county board of school examiners to any person who has not taught in the schools of the state for at least five months prior to July 1, 1916, unless he has had at least six weeks of professional training. To meet the requirement a person must present to the commissioner of schools certified credit in at least four subjects, each covering six weeks' work.

The training shall consist of:

(1) Six weeks of work in each of the following:

OBSERVATION AND PRACTICE TEACHING;
THE COURSE OF STUDY AND CLASS MANAGEMENT;
THE TEACHING OF READING;

and (2) six weeks of work in any one of the following:

Agriculture	Language	Physiology
Arithmetic	Geography	Writing
History	Grammar	Music
		Drawing

EDUCATIONAL FUNDS

AND REPORT OF

UNIVERSITY OF MICHIGAN.

EDUCATIONAL FUNDS

PRIMARY SCHOOL FUNDS

Seven per cent fund:		
Amount on which State pays interest June 30, 1916	$4,318,599 54	
Total seven per cent fund June 30, 1916		$4,318,599 54
Five per cent fund:		
Amount on which State pays interest, June 30, 1916		982,443 78
Total school fund June 30, 1916		$5,301,043 32

INCOME ON PRIMARY SCHOOL INTEREST FUND

Interest paid by State on seven per cent fund during year ending June 30, 1916	$302,301 96	
Interest and penalty paid by holders of land on seven per cent fund during the year ending June 30, 1916	1,395 94	
Interest paid by State on five per cent fund	49,122 19	
Total income from both funds		$352,820 19

UNIVERSITY FUND

Amount on which State pays interest June 30, 1916	$547,389 40	
Interest paid by State (on land grant)		$38,367 24
Interest paid by State on deposit		50 00
Interest and penalty paid by holders of land		111 65
Total income for year ending June 30, 1915		$38,528 89

AGRICULTURAL COLLEGE

Amount on which State pays interest June 30, 1916	$992,448 86	
Interest paid by State		$70,500 05
Interest and penalty paid by holders of land		2,166 46
Received from United States government		64,016 18
Total income for year ending June 30, 1916		$136,682 69

NORMAL SCHOOL FUND

Amount on which State pays interest June 30, 1916	$69,366 04	
Interest paid by State		$4,855 64
Total income for year ending June 30, 1916		$4,855 64

EXPENSES FOR THE SEVERAL STATE EDUCATIONAL INSTITUTIONS FOR THE FISCAL YEAR ENDING JUNE 30, 1916

University of Michigan:	
(a) Paid from State funds	$1,097,452 92
(b) Paid from other sources—tuition, productive funds, etc	888,290 86
Michigan State Normal College:	
(a) Paid from State funds	276,486 29
(b) Paid from other sources	28,055 81
Central Michigan Normal School:	
(a) Paid from State funds	128,061 34
(b) Paid from other sources	8,249 67
Northern State Normal School:	
(a) Paid from State funds	75,202 50
(b) Paid from other sources	8,772 85
Western State Normal School:	
(a) Paid from State funds	195,293 92
(b) Paid from other sources	18,588 99
Michigan Agricultural College:	
(a) Paid from State funds	586,407 74
(b) Paid from other sources	242,350 92
Michigan College of Mines:	
(a) Paid from State funds	79,600 00
(b) Paid from other sources	17,123 68
School for the Blind:	
(a) Paid from State funds	122,717 30
(b) Paid from other sources	4,801 90
School for the Deaf:	
(a) Paid from State funds	130,203 82
(b) Paid from other sources	21,063 21
Industrial School for Boys:	
(a) Paid from State funds	118,700 00
(b) Paid from other sources	14,344 48
Industrial School for Girls:	
(a) Paid from State funds	94,400 00
(b) Paid from other sources	4,765 19
State Public School:	
(a) Paid from State funds	110,416 99
(b) Paid from other sources	6,051 63

EDUCATIONAL FUNDS

PRIMARY SCHOOL FUNDS

Seven per cent fund:		
Amount on which State pays interest June 30, 1916..	$4,318,599 54	
Total seven per cent fund June 30, 1916		$4,318,599 54
Five per cent fund:		
Amount on which State pays interest, June 30, 1916		982,443 78
Total school fund June 30, 1916		$5,301,043 32

INCOME ON PRIMARY SCHOOL INTEREST FUND

Interest paid by State on seven per cent fund during year ending June 30, 1916	$302,301 96	
Interest and penalty paid by holders of land on seven per cent fund during the year ending June 30, 1916	1,395 94	
Interest paid by State on five per cent fund	49,122 19	
Total income from both funds		$352,820 19

UNIVERSITY FUND

Amount on which State pays interest June 30, 1916....	$547,389 40	
Interest paid by State (on land grant)		$38,367 24
Interest paid by State on deposit		50 00
Interest and penalty paid by holders of land		111 65
Total income for year ending June 30, 1915		$38,528 89

AGRICULTURAL COLLEGE

Amount on which State pays interest June 30, 1916....	$992,448 86	
Interest paid by State		$70,500 05
Interest and penalty paid by holders of land		2,166 46
Received from United States government		64,016 18
Total income for year ending June 30, 1916		$136,682 69

NORMAL SCHOOL FUND

Amount on which State pays interest June 30, 1916....	$69,366 04	
Interest paid by State		$4,855 64
Total income for year ending June 30, 1916		$4,855 64

	Student Fees	Receipts	Disbursements	Refunds
Student Fees (Laboratories, etc.):				
Diplomas	$12,530 00			$290 00
Dental Laboratory	40 00			40 00
Drawing Boards	588 00			461 50
Demonstration Courses	3,465 00			10 00
Delayed Election	118 00			4 00
Delayed Registration	20 00			
Electrical Engineering	622 00			35 00
Embalming Diplomas	14 00			
Embalming Tickets	70 00			
Geology	22 00			
Hygiene	5,565 00			590 63
Histology	2,141 00			306 00
Keys (Deposits)	1,000 00			911 00
Latin	560 00			
Mechanical Laboratory	6,340 00			95 00
Mineralogy	340 00			24 50
Osteology	735 00			461 90
Practical Anatomy	3,492 00			48 00
Pathology	1,140 00			416 00
Physiology	470 00			12 73
Pharmacology	428 00			5 35
Political Economy	18 00			
Physics	1,009 00			15 00
Rhetoric	260 00			
Surveying	175 50			148 75
Surveying (Stakes)	4 00			2 22
Gymnasium, School of Music	105 00			
Special Examinations	15 00			
Summer, Waterman Gymnasium	111 50			50
Teachers' Diplomas	408 00			2 00
Theses	1,500 00			800 00
Waterman Gymnasium	3,890 00			28 00
Zoology	1,665 00			24 00
		$81,663 00		
Miscellaneous Sources:				
Anatomical Material	$80 57			
Buildings and Grounds	5,848 62			
Botanical Garden	2 24			
Buildings and Grounds, Pay Roll	77 97			
Biological Station	11 25			
Barbour Gymnasium	2 36			
Bindery	89 31			
Contingent	3,252 51			
Care of Teams	32 68			
Circulation and Sleep	14 50			
Chemical Laboratory	4 55			
Chemical Pay Roll	10 00			
Chemical Engineering	37 53			
Civil Engineering	7 41			
Dental Supplies	15,344 76			
Dental Department	218 90			
Engineering Shops	1,427 49			
Engineering Department	3 75			
Economics Printing Fund	2,549 95			
Electrical Engineering	26 13			
Engineering Mechanics	2 00			
Electrification of Side Track	4,973 04			
Fuel	2,256 05			
Fire Insurance	2,297 62			
General Library	278 36			
General Catalogue	20 00			
Graduate Fellowship Pay Roll	60 00			
General Pay Roll	21 80			
Health Service	701 00			
Hygiene	71 10			
Himsdale History	2 00			
Homeopathic Hospital	54,527 82			
Interest	3,592 40			
Janitors' Pay Roll	780 24			
Keys, Buildings	548 00			383 00
Keys, Master	325 00			40 00
Keys, Engineering	109 00			65 00
Laundry	1,200 49			
Literary Pay Roll	85 50			
Michigan Tree Bulletin	303 05			
Medical Pay Roll	512 40			
Marine Engineering	399 79			
Miscellaneous Printing	1,841 18			
Mineralogy	7 52			

	Student Fees	Receipts	Disbursements	Refunds
Mechanical Engineering	$4 43			
Nurses' Diplomas	96 00			$2 00
Organization and Publication Among Alumni	144 93			
Printing Plant	191 60			
Pasteur Institute	2,850 00			
Physics	17 00			
Palmer Field	326 84			
Philosophy	1 00			
Postage	17 50			
Ophthalmology	1 50			
Repairs	9,162 56			
Roentgenology	7,363 87			
Real Estate	1,257 00			
Regents' Reception	4 50			
Storehouse	16,018 92			
Surveying	14 40			
Students' Christian Association Stage Fund	27 75			
Science Building	136 29			
Summer School Pay Roll	550 00			
Summer Camp	5 25			
Traveling Expenses	4 16			
University Extension Service	35			
University Hospital Pay Roll	8 54			
University Hospital Keys				50
University Hospital	243,812 21			
University Hospital (Indigent Patients)	3 57			
Voucher Check Books	52 00			2 00
Zoology	99			
Water Supply	20			
		$386,031 20		
Pay Rolls:				
Literary	$365,589 70			
Engineering	237,302 09			
Medical	101,781 60			
Law	67,042 30			
Chemical	44,172 67			
Pharmacy	8,148 84			
*Homeopathic Medical College	12,536 07			
Homeopathic Hospital	16,039 08			
Dental	32,738 85			
Library	32,244 21			
General	95,908 49			
University Hospital	58,323 87			
Summer School	58,011 90			
Graduate Fellowship	8,800 00			
Graduate School	1,938 00			
Buildings and Grounds	153,246 31			
Bindery	4,451 92			
Printing Plant	2,732 50			
Biological Station	2,715 50			
Summer Camp	5,809 49			
Regents' Reception	20 50			
Superintendents' Institute	500 00			
			$1,310,053 89	
Miscellaneous			595,682 89	
Balance			126,969 75	
		$2,032,706 53	$2,032,706 53	$25,389 37

Total Students' Fees: Departmental and Laboratories	$500,112 00
Less Refunds	24,896 87
Students' Fees—net	$475,215 13
Total Receipts from Miscellaneous Sources	$386,031 20
Less Refunds	492 50
Miscellaneous Receipts—net	$385,538 70

DETAILED STATEMENT SPECIAL APPROPRIATIONS

HOMEOPATHIC HOSPITAL

	Receipts	Disbursements
Balance July 1, 1915	$856 70	
From State Treasurer	6,000 00	
*Paid Vouchers (Pay Roll)		$5,538 40
Balance June 30, 1916		1,318 30
	$6,856 70	$6,856 70

SUMMER HOSPITALS

From State Treasurer	$3,000 00	
Paid Vouchers		$3,000 00
	$3,000 00	$3,000 00

HEAT, LIGHT AND POWER PLANT

Balance July 1, 1915	$13,736 80	
Paid Vouchers		$2,739 34
Balance June 30, 1916		10,997 46
	$13,736 80	$13,736 80

SCIENCE BUILDING

Balance July 1, 1915	$42,305 10	
From State Treasurer	50,000 00	
From General Fund (Transfers)	271 12	
Paid Vouchers		$94,429 82
Balance overdrawn June 30, 1916	1,853 60	
	$94,429 82	$94,429 82

CONTAGIOUS DISEASE HOSPITAL

Balance July 1, 1915	$138 12	
Paid Vouchers		$19 43
Balance June 30, 1916		118 69
	$138 12	$138 12

LIBRARY BUILDING

From State Treasurer	$5,000 00	
Paid Vouchers		$30 88
Balance June 30, 1916		4,969 12
	$5,000 00	$5,000 00

PSYCHOPATHIC WARD

Balance overdrawn July 1, 1915	$9,464 63	
Balance overdrawn June 30, 1916		$9,464 63
	$9,464 63	$9,464 63

DETAILED STATEMENT BUILDING ACCOUNTS

ACCUMULATION OF SAVINGS

Oven and Elevator

	Receipts	Disbursements
Balance July 1, 1915	$94 82	
Paid Voucher		$94 82
	$94 82	$94 82

Storehouse and Shops

Balance July 1, 1915	$6 57	
Paid Voucher		$6 57
	$6 57	$6 57

Hill Auditorium

Balance July 1, 1915	$12 55	
From Trust Fund account	1,876 54	
Paid Voucher		$1,889 09
	$1,889 09	$1,889 09

Electrification of Side Track

Balance July 1, 1915	$14,810 00	
Paid Vouchers		$9,646 42
Balance June 30, 1916		5,163 58
	$14,810 00	$14,810 00

Waterman Gymnasium Repairs

From State Treasurer	$50,000 00	
Paid Vouchers		$15,173 60
Balance June 30, 1916		34,826 40
	$50,000 00	$50,000 00

SPECIAL AND BUILDING FUND

SUMMARY OF BALANCES JUNE 30, 1916

Psychopathic Ward overdraft		$9,464 63
Science Building overdraft		1,853 60

Credit Balances

Homeopathic College	$1,318 30	
Heat, Light and Power Plant	10,997 46	
Contagious Disease Hospital	118 69	
Electrification of Side Track	5,163 58	
Waterman Gymnasium Repairs	34,826 40	
Library Building	4,969 12	
Balance June 30, 1916		$46,075 32
	$57,393 55	$57,393 55

*Pay Roll Homeopathic Medical College, General Fund		$12,536 07
*Pay Roll Homeopathic Medical College, Special Account		5,538 40
		$18,074 47

TRUST FUNDS—TABULATED STATEMENT (DETAILED)

Name	Amount July 1, 1915, in fund	Income			Amount in fund June 30, 1916
		Rentals or interest	Contributions	Expenditures	
Alumni Memorial Building	$22 70				$22 70
A. M. Todd Prize Fund	100 00				100 00
Adams (Charles Frances)		$39 00	$1,300 00		1,339 00
Avery (Newell and Nancy Eddy) Memorial Loan Fund			5,000 00		5,000 00
American Academy in Rome			255 00	$250 00	5 00
Alice Freeman Palmer	4,191 92	217 00			4,408 92
Allopathic Hospital Fund	2,080 21	107 00		13 00	2,174 21
American School in Athens	15		180 00	180 15	
Angelina Bradford Whittier Botany Fellowship	4,090 45	212 10			4,302 55
Ann Arbor Branch Collegiate Alumnae	580 12	1 50	69 07		650 69
Acme White Lead & Color Works			540 00	540 00	
Anna M. Chandler Scholarship	1,134 49	55 00			1,189 49
American Association of International Conciliation			300 00		300 00
Bates Professorship Fund	142,520 51	7,379 15	30 00	8,262 03	141,667 63
Borussen Gesellschaft	39 21			12 54	26 67
Babcock Scholarship	5,563 77	285 00		500 00	5,348 77
Buhl Classical Fellowship	20 76		700 00	430 00	290 76
Beach (Charlotte C.) Scholarship Fund			1,200 00	1,156 61	43 39
Ben Greet Dramatic Fund	99 26	10 25	150 95	77 13	183 33
Bates (Octavia) Law Library	14,870 25	756 50		1,027 18	14,599 57
Bates (Octavia) General Library	16,762 80	903 70	995 00	374 26	18,287 24
Carnegie Foundation			9,519 48	9,519 48	
Class of '94 Scholarship	3,131 74	147 12			3,278 86
Class of '97 Scholarship	294 62	16 04			310 66
Class of '98 Scholarship	511 57	3 25			514 82
Class of '99 Scholarship	42 30				42 30
Class of 1903 Scholarship	235 02	6 66			241 68
Class of 1876 Scholarship	272 63	9 75			282 38
Class of 1913 Law Scholarship	281 36	7 32			288 68
Class of 1890 Medical Scholarship	530 34	24 25			554 59
Class of 1914 Literary Scholarship	704 60	15 32			719 92
Class of 1914 Engineering Scholarship	404 28				404 28
Class of 1915 Engineering Scholarship	232 73				232 73
Class of 1915 Literary Scholarship			550 00		550 00
Coyl Library Fund	10,195 21	532 00		401 48	10,325 73
Coolidge (Leila)	1,597 73	120 50	118 13	40 66	1,795 70
Carl Braun Fellowship	10,100 00	500 00		600 00	10,000 00
De Cou Memorial	44 75				44 75
Dodge John Frank—Loan Fund		105 00	10,000 00		10,105 00
Detroit Edison Company Fellowship			600 00	577 07	22 93
Detroit Steel Casting Company Fellowship			305 00	279 20	25 80
Deposit for Hussein Feizy			581 00		581 00
Exhibit Case (Medical Books)	23 68			23 68	
Emma J. Cole Fellowship	17,164 36	781 50	137 40	577 69	17,505 57
Elucidation to Caesar's Gallic War	100 00			100 00	
Eliza Mosher Scholarship Fund			100 00		100 00
Ford Messer Fund	21,483 76	1,110 50		562 36	22,031 90
Frederick Stearns & Co. Pharmacy	314 82				314 82
Ford (Ella I.) Research in Pathology			1,000 00	50 00	950 00
Gas Association Fellowship	58 94		1,100 00	1,137 20	21 74
General Library (Mawson Fund)	145 49		24		145 73
Goethe Fund	456 76	23 85			480 61
Good Government Club	1,173 21	62 62		47 37	1,188 46
Hill Auditorium	1,834 55	41 99		1,876 54	
Homoeopathic Hospital (Deposits)	862 65		54,633 38	54,527 32	968 71
Homoeopathic Hospital (Interest)	230 37	38 60			268 97
Henry Strong Educational Trust Co			375 00	375 00	
Hamilton (F. M.) Loan Fund			1,000 00		1,000 00
Hudson (Richard) Professorship in History			26,250 00		26,250 00
James B. Angell Fund	8,920 44	471 50	193 41		9,585 35
Junior Play Loan Fund	70 00				70 00
Lamont Refractor Fund	16 04				16 04
Lamont Visiting Astronomy Fund			480 00	480 00	
Latin Play Fund			396 60	396 60	
Lucinda Hinsdale Stone	7,768 30	267 71			8,036 01
Leave of Absence	3,294 00		775 00	763 00	3,306 00
McGowan (Jonas Hartzel) Loan Fund			500 00		500 00
Mary Furnum Bequest	1,149 22	58 50		16 22	1,191 50
Morris Alumni Fund	5,336 44	280 50			5,616 94
Music Hall Fund	2,237 27	115 25			2,352 52
Marine Biological Laboratory	50 00			50 00	
Morris Philosophy Library	385 00	17 75		2 57	401 08
Mortar Board Loan Fund	107 58	2 25			109 83

TRUST FUNDS—TABULATED STATEMENT (DETAILED)—Continued

Name	Amount July 1, 1915, in fund	Income			Amount in fund June 30, 1916
		Rentals or interest	Contributions	Expenditures	
Michigan Studies Humanistic Series	$2,668 50	.....	$3,748 64	$5,771 11	$646 03
Michigan Studies Historical Series	240 17	.....	24 76	12 42	252 51
Michigan Studies Humanistic Series, Latin and Greek	27 96	.....	295 11	283 86	39 21
Menorah Prize	.....	.....	200 00	200 00	.....
Mary Skeels Gradle	1,000 00	$52 50	.....	.....	1,052 50
Martha Cook Building (Deposit)	405 00	.....	28,697 56	23,140 60	5,961 96
Michigan Pulp & Paper Mfg. Co.	.....	.....	600 00	549 08	50 92
Michigan Chapter American Revolution Loan Fund	.....	.....	113 75	.....	113 75
Menaechmi Play	.....	.....	335 85	335 85	.....
Margaret E. Hunt (Trust Deed)	.....	.....	106 48	.....	106 48
Newton Van Der Veer	586 42	9 55	.....	.....	595 97
Newberry Residence Hall (Deposit)	1,504 50	.....	20,432 61	20,821 53	1,115 58
Observatory Library Fund	22 83	.....	.....	.....	22 83
Parthenon Frieze	40 77	.....	.....	.....	40 77
Palmer Memorial Free Bed	15,642 13	823 40	5 00	98 65	16,371 88
Parke, Davis Company	50 00	.....	.....	.....	50 00
Peter White Medical Library	25 04	.....	.....	25 04	.....
Phillips Scholarship	2,172 28	72 20	.....	1,388 22	856 26
Philo Pharson Fund	186 76	9 70	.....	.....	196 46
Prescott Memorial	15 78	.....	.....	.....	15 78
Pediatric Fund	53 19	2 63	.....	.....	55 82
Prize Advertising Scholarship	.....	.....	500 00	350 00	150 00
Philadelphia Club	50 00	.....	50 00	.....	100 00
Presbyterian Church Scholarship (Phila.)	.....	.....	175 00	175 00	.....
Special Scholarship	.....	.....	225 00	225 00	.....
Students' Lecture Association	1,760 44	5 15	.....	.....	1,765 59
Saginaw Valley Alumnae Association	385 46	1 88	40 00	.....	427 34
Seth Harrison Fund	30,756 80	1,595 00	.....	1,460 00	30,891 80
Smith, Hinchman & Grylls Scholarship in Architecture	100 00	.....	100 00	.....	200 00
Student Publication	.....	400 00	10,000 00	.....	10,400 00
Transportation Fund	605 18	.....	.....	224 99	380 19
Treadwell Free Bed Fund	11 42	51 98	.....	.....	63 40
Turner (Jane) Loan Fund	500 00	.....	500 00	.....	1,000 00
Tappan Memorial	50 28	.....	.....	50 28	.....
University Hospital Trust Account (Deposit)	24,992 26	.....	239,454 58	243,775 07	20,671 77
University Hospital Interest	401 42	667 00	19 00	344 42	743 00
Upjohn Fellowship	200 00	.....	.....	200 00	.....
Woodward Avenue Lease	894 41	.....	2,500 08	2,100 82	1,293 67
Warren Book Fund	29 92	1 55	.....	.....	31 47
Walter Crane	5,775 85	309 50	2,114 38	.....	8,199 73
Walter Crane, Property Account	8,877 84	509 77	.....	2,135 65	7,251 96
Williams Fund	19,532 12	990 00	4,054 76	1,491 34	23,085 54
Williams Fund, Property Account	11,481 68	595 44	.....	4,095 44	7,981 68
Women's Gymnasium	136 23	.....	.....	.....	136 23
Women's Professorship Fund	21,251 43	1,119 00	.....	.....	22,370 43
Webster Scholarship	1,452 73	67 47	100 00	.....	1,620 20
Warner Fund	7 07	36	.....	.....	7 43
Total	$447,733 13	$22,010 01	$433,727 22	$394,480 71	$508,989 65

GIFT AND TRUST FUNDS

Under this head are included gifts and other funds which the Regents have received from time to time from benefactors for special purposes. The new accounts opened during the year are: Adams (Charles Francis) Fund, Avery (Newell & Nancy Eddy) Memorial Loan Fund, Beach (Cholett C.) Scholarship Fund, 1915 Literary Class Scholarship, Dodge (John Frank) Loan Fund, Detroit Edison Company Fellowship, Detroit Steel Castings Company Fellowship, Elisa Mosher Scholarship, Ella I. Ford Fund for Research in Pathology, F. M. Hamilton Loan Fund, Lamont Visiting Astronomer Fund, Michigan Chapter Daughters of the American Revolution Scholarship, Richard Hudson Professorship in History.

CONDENSED STATEMENT

Total Fund July 1, 1915	$447,733 13	
Contributions	433,727 22	
Interest and Rentals	22,010 01	
Expenditures		$394,480 71
Balance June 30, 1916		508,989 65
	$903,470 36	$903,470 36

INVESTMENT OF TRUST FUNDS

Mortgages	$107,000 00
Notes (Students')	11,325 22
Properties (Union Trust—Williams)	7,981 68
Properties (Union Trust—Crane)	7,251 96
Real Estate	6,500 00
Contracts	4,994 41
Banks and Trust Companies	109,321 38
Premium	2,315 00
Bonds	250,500 00
Property (Emma J. Cole Account)	1,800 00
	$508,989 65

*See Appendices.

APPENDIX A

WILLIAMS PROFESSORSHIP FUND (PROPERTY ACCOUNT)

This is in the hands of the Union Trust Company for management and the summary of its report is as follows:

Real Estate Mortgages	$6,475 00	
Real Estate	1,506 68	
		$7,981 68
Contra		
Total amount in valuation at last report, June 16, 1915	$11,481 68	
Net gain in valuation for year ending June 16, 1916	595 44	
	$12,077 12	
Less payment to U. of M. Treasurer	4,095 44	
		$7,981 68

APPENDIX B

WALTER CRANE (PROPERTY ACCOUNT)

This is in the hands of the Union Trust Company for management and the summary of its report is as follows:

Land Contracts on hand June 16, 1916	$7,251 96	
		$7,251 96
Contra		
Total amount in valuation on hand June 16, 1915	$8,877 84	
Net gain for year ending June 16, 1916	509 77	
	$9,387 61	
Less payment to U. of M. Treasurer	2,135 65	
		$7,251 96

STATISTICAL TABLES

TABLE I

Comparative summary of statistics for the year 1915-16

TOWNSHIPS AND DISTRICTS (Tables III, XVI)

Items	1915	1916	Increase	Decrease
Number of townships and cities reporting	1,346	1,339	.....	7
Number of graded school districts	631	646	15	.....
Number of ungraded school districts	6,706	6,693	.....	13
Total	7,337	7,339	2	.....
Number of township unit districts	164	167	3	.....

CENSUS AND ENROLLMENT (Tables III, XVI, XVII)

Items	1915	1916	Increase	Decrease
School census of graded school districts	535,616	561,356	25,740	.....
School census of ungraded school districts	310,138	305,214	.....	4,924
Total	845,754	866,570	20,816	.....
Enrollment in graded school districts	386,993	410,169	23,176	.....
Enrollment in ungraded school districts	211,166	210,692	.....	474
Total	598,159	620,861	22,702	.....
Enrollment of nonresident pupils				
Graded school districts	18,299	20,109	1,810	.....
Ungraded school districts	6,629	6,984	355	.....
Total	24,928	27,093	2,165	.....
Enrollment in all school districts:				
Resident pupils	598,159	620,861	22,702	.....
Nonresident pupils	24,928	27,093	2,165	.....
Total	623,087	647,954	24,867	.....
Enrollment in city school districts	328,347	312,408	.....	15,939

TABLE I—*Continued*

Items	1915	1916	Increase	Decrease
Percentage of attendance for the State	.89	.88		.01
Percentage of attendance in graded school districts	.90	.88		.02
Number of districts reporting having maintained school	7,231	7,241	10	
Average duration of months in graded schools	9.4	9.3		0.1
Average duration of months in ungraded schools	8.5	8.5		
Average for the State	8.6	8.5		0.1

SCHOOLS AND SCHOOLHOUSES (Tables XII, XXVII, XXVIII, XIV, III, XVI)

Items	1915	1916	Increase	Decrease
SPECIAL SCHOOLS				
Number of private and parochial schools reported	476	441		35
Number of teachers employed in same	1,889	1,721		168
Estimated number of pupils enrolled in same	79,023	72,982		6,041
Number of day schools for the deaf in the State	14	15	1	
Number of teachers employed in the same	25	32	7	
Number of pupils enrolled in same	263	266	3	
Number of county normal training classes in State	47	49	2	
Number of teachers employed in same	94	98	4	
Number of graduates	669	759	90	
Number of Rural High Schools in the State	2	1		1
Number of teachers employed in same	2	1		1
Number of pupils enrolled in same	29	No report	Discontinued	
Number of County Agricultural Schools in the State	2	2		
Number of teachers employed in same	8	8		
Number of pupils enrolled in same	71	66		5
SCHOOL PROPERTY				
Number of schoolhouses in the State	8,800	8,840	40	
Number of one room schoolhouses	6,901	7,024	123	
Number of two or more room schoolhouses	1,899	1,816		83
Number of new schoolhouses to be built during year	134	116		18
Estimated cost of same	$3,848,286 00	$4,007,208 98	$158,922 98	
Estimated value of school property in graded districts	$45,332,384 00	$35,889,474 00		$9,442,910 00
Estimated value of school property in ungraded districts	8,015,550 00	22,040,647 00	$14,025,097 00	
Total	$53,347,934 00	$57,930,121 00	$4,582,187 00	
Estimated assessed valuation of all district property	No data	†$2,550,307,064		

TABLE I—*Continued*

TEACHERS AND THEIR EMPLOYMENT (Tables V, XVI, XIX)

Items	1915	1916	Increase	Decrease
Number of teachers necessary to supply graded schools	11,704	12,561	857	
Number of teachers necessary to supply ungraded schools	7,737	7,600		137
Total	19,441	20,161	720	
Number of men teachers employed in graded schools	1,618	1,787	169	
Number of men teachers employed in ungraded schools	1,158	1,194	36	
Total	2,776	2,981	205	
Number of women teachers employed in graded schools	10,385	10,971	586	
Number of women teachers employed in ungraded schools	7,000	7,027	27	
Total	17,385	17,998	613	
Whole number of different teachers employed in graded schools	12,003	12,758	755	
Whole number of different teachers employed in ungraded schools	8,158	8,221	63	
Total	20,161	20,979	818	
Average number of months taught by men teachers in graded schools	9.5	9.5		
Average number of months taught by men teachers in ungraded schools	8.5	8.3		0.2
General average	9.1	9.0		0.1
Average number of months taught by women in graded schools	9.6	9.6		
Average number of months taught by women in ungraded schools	8.4	8.2		0.2
General average	9.1	9.0		0.1
Total salaries of men teachers in graded schools	$1,868,354 11	$2,075,613 86	$207,259 75	
Total salaries of men teachers in ungraded schools	549,709 58	552,002 03	2,292 45	
Total	$2,418,063 69	$2,627,615 89	$209,552 20	
Total salaries of women teachers in graded schools	$6,843,352 13	$7,360,131 24	$516,779 11	
Total salaries of women teachers in ungraded schools	2,670,977 14	2,715,109 34	44,132 20	
Total	$9,514,329 27	$10,075,240 58	$560,911 31	

TABLE I—*Continued*

Items	1915	1916	Increase	Decrease
Aggregate salaries of all teachers in graded schools	$8,711,706 24	$9,435,745 10	$724,038 86	.....
Aggregate salaries of all teachers in ungraded schools	3,220,686 72	3,267,111 37	46,424 65	.....
Total	$11,932,392 96	$12,702,856 47	$770,463 51	.....
Aggregate salaries of teachers in city school districts	$5,917,590 54	.....	.....	.....
Average monthly salaries of men teachers in graded schools	$121 42	$122 19	$0 77	.....
Average monthly salaries of men teachers in ungraded schools	55 45	55 65	.20	.....
Average monthly salaries of men teachers in all schools	$95 57	$90 22	.....	$5 35
Average monthly salaries of women teachers in graded schools	$68 69	$70 07	$1 38	.....
Average monthly salaries of women teachers in ungraded	45 23	46 87	1 64	.....
Average monthly salaries of women teachers in all schools	$59 95	$61 82	$1 87	.....
Average monthly salaries of teachers in all schools	$64 85	$66 90	$2 05	.....

TEACHERS, THEIR EXAMINATION AND CERTIFICATION (Table XI)

Items	1915	1916	Increase	Decrease
Number of public examinations held	178	171	.....	7
Number of applicants for regular certificates	7,029	5,953	.....	1,076
Number of first grade diplomas granted	58	32	.....	26
Number of indorsed first grade diplomas granted	27	18	.....	9
Number of second grade certificates granted	1,669	1,449	.....	220
Number of third grade certificates granted	2,760	2,096	.....	664
Whole number of regular certificates granted	4,514	3,595	.....	919
Number of applicants for special certificates	444	385	.....	59
Number of special certificates granted	411	342	.....	69
Number holding certificates issued or indorsed by State Board of Education	1,370	1,336	.....	34
Number holding normal school certificates	4,065	4,398	333	.....
Life	No data	3,429	.....	.....
Limited	No data	969	.....	.....
Number holding certificates granted by city boards of education	1,569	2,914	1,345	.....
Number holding county normal training class certificates	2,663	2,700	37	.....
Whole number of legally qualified teachers in State	21,771	22,579	808	.....
Number licensed without previous experience	1,525	978	.....	547
Number of applicants who had attended a State normal	1,612	2,103	491	.....
Number of applicants who had attended institutes during year	3,432	2,989	.....	443

TABLE I—*Continued*

FINANCIAL SUMMARY (Tables VI, VII, VIII)

Items	1915	1916	Increase	Decrease
RECEIPTS				
Amount of one mill tax received	$1,628,749 16	$1,831,216 34	$202,467 18	.....
Amount of primary school interest fund	5,734,067 69	6,424,578 21	690,510 52	.....
Amount received from tuition	363,883 10	417,794 98	53,911 88	.....
Amount received from district taxes	11,048,097 00	12,249,864 50	1,201,767 50	.....
Amount received from all other sources	1,827,224 88	2,042,311 36	215,086 48	.....
Total net receipts	$20,602,021 83	$22,965,765 39	$2,363,743 56	.....
Amount received from loans	$3,668,418 53	$4,234,006 46	$565,587 93	.....
Balance on hand from preceding year	4,014,296 41	3,854,594 46	.....	$159,701 95
Total resources including amount on hand from preceding year	$28,284,736 77	$31,054,366 31	$2,769,629 54	.....
EXPENDITURES				
Amount paid men teachers	$2,418,378 19	$2,625,127 11	$206,748 92	.....
Amount paid women teachers	9,512,735 18	10,076,952 93	564,217 75	.....
Amount paid on building and sites	3,557,129 06	4,519,423 49	962,294 43	.....
Amount paid for general purposes	6,689,577 03	6,555,922 02	.....	$133,655 01
Amount paid for library purposes	206,413 44	292,385 63	85,972 19	.....
Total net expenditures	$22,384,232 90	$24,069,811 18	$1,685,578 28	.....
Amount paid on all indebtedness	$2,047,897 30	$2,204,743 22	$156,845 92	.....
Balance carried to next year	3,852,606 57	4,779,811 91	927,205 34	.....
Total expenditures including balance carried to next year	$28,284,736 77	$31,054,366 31	$2,769,629 54	.....
Total expenditures in graded school districts	$17,418,464 24	$18,875,183 46	$1,456,719 22	.....
Total expenditures in ungraded school districts	4,965,768 66	5,194,627 72	228,859 06	.....
Total net expenditures	$22,384,232 90	$24,069,811 18	$1,685,578 28	.....
INDEBTEDNESS				
Total bonded indebtedness of districts	$9,953,794 24	$11,380,264 40	$1,426,470 16	.....
Total floating indebtedness of districts	838,303 16	1,567,713 79	729,410 63	.....
Total indebtedness	$10,792,097 40	$12,947,978 19	$2,155,880 79	.....
Total indebtedness in graded school districts	$10,069,982 70	$12,133,072 60	$2,063,089 90	.....
Total indebtedness in ungraded school districts	722,114 70	814,905 59	92,790 89	.....
Total indebtedness in all school districts	$10,792,097 40	$12,947,978 19	$2,155,880 79	.....

TABLE I—*Continued*

Items	1915	1916	Increase	Decrease
Total amount due all school districts from township	$138,922 00	$142,850 96	$3,928 96	
Amount received from nonresident tuition in graded school districts	$347,602 80	$398,926 62	$51,323 82	
Amount received from nonresident tuition in ungraded school districts	16,280 30	18,868 36	2,588 06	
Total	$363,883 10	$417,794 98	$53,911 88	

LIBRARIES (Table X)

Items	1915	1916	Increase	Decrease
Number of townships reporting libraries	323	220		103
Number of districts reporting libraries	6,325	6,448	123	
Total number of libraries	6,648	6,668	20	
Number of volumes in township libraries	159,396	179,783	20,387	
Number of volumes in district libraries	2,053,396	2,223,480	170,084	
Total number of volumes in all libraries	2,212,792	2,403,263	190,471	
Amount of taxes voted for township libraries	$12,370 00	$18,023 60	$5,653 60	
Amount received from county treasurers for township libraries	3,647 92	3,772 91	124 99	
Number of townships not reporting libraries	831	863	32	
Amount paid for support of township libraries	$11,291 46	$10,826 08		$465 38
Amount paid for support of district libraries	206,413 44	292,385 63	$85,972 19	

MISCELLANEOUS ITEMS (Tables XXII, XXIII, XIII, II, XIV, IV, VII, XXIX)

Items	1915	1916	Increase	Decrease
TEACHERS' INSTITUTES AND ASSOCIATIONS				
Number of State institutes held	167	179	12	
Amount received from State treasurer for such institutes	$2,396 27	$2,205 03		$191 24
Amount received from county treasurer for such institutes	12,368 33	11,603 28		765 05
Total amount expended	$14,764 60	$13,808 31		$956 29

TABLE I—*Concluded*

Items	1915	1916	Increase	Decrease
Number of counties reporting county teachers' associations	61	82	21	.....
Amount paid board of examiners	$23,689 47	$25,097 75	$1,408 28	.....
Amount paid county commissioners of schools	103,990 00	110,690 00	6,700 00	.....
Total compensation	$127,679 47	$135,787 75	$8,108 28	.....
APPORTIONMENT OF PRIMARY SCHOOL INTEREST FUND				
Total amount of primary school money apportioned	$6,438,208 90	$6,485,725 40	$47,516 50	.....
Rate per capita	7 85	7 70	.....	$0 15
Rate per capita for the year	7 85	7 70	.....	0 15
Number of eighth grade diplomas granted during year (estimated)	*12.017	27,938	.....	.....
Number of pupils enrolled in eighth grade (estimated)	*18,447	46,564	.....	.....
Number of districts in which general tuition was paid	356	290	.....	66
Amount of general tuition paid	$23,580 45	$22,201 92	.....	$1,378 53
Number of districts in which eighth grade tuition was paid	4,296	4,670	374	.....
Amount of eighth grade tuition paid	$263,632 03	$305,306 79	$41,674 76	.....
Number of districts paying transportation	202	133	.....	69
Amount of transportation paid	$57,915 06	$64,707 23	$6,792 17	.....
Number of districts furnishing free textbooks	1,422	1,284	.....	138
Number of districts in State furnishing dictionaries	7,684	7,630	.....	54
Number of districts reporting globes in schools	7,371	7,457	86	.....
Number of districts reporting maps in schools	7,467	7,492	25	.....
Number of districts having U. S. flag with staff	7,659	7,710	51	.....
Total number children in State reported blind or with defective vision	516	409	.....	107

*City schools not included in 1915.
†Report on this item not complete. Report of Equalization Board for 1916, 1917, 1918, $2,800,000,000.

TABLE I—*Continued*

Items	1915	1916	Increase	Decrease
Total amount due all school districts from township...	$138,922 00	$142,850 96	$3,928 96	.....
Amount received from nonresident tuition in graded school districts	$347,602 80	$398,926 62	$51,323 82	.....
Amount received from nonresident tuition in ungraded school districts	16,280 30	18,868 36	2,588 06	.....
Total	$363,883 10	$417,794 98	$53,911 88	.....

LIBRARIES (Table X)

Items	1915	1916	Increase	Decrease
Number of townships reporting libraries	323	220	.....	103
Number of districts reporting libraries	6,325	6,448	123	.....
Total number of libraries	6,648	6,668	20	.....
Number of volumes in township libraries	159,396	179,783	20,387	.....
Number of volumes in district libraries	2,053,396	2,223,480	170,084	.....
Total number of volumes in all libraries	2,212,792	2,403,263	190,471	.....
Amount of taxes voted for township libraries	$12,370 00	$18,023 60	$5,653 60	.....
Amount received from county treasurers for township libraries	3,647 92	3,772 91	124 99	.....
Number of townships not reporting libraries	831	863	32	.....
Amount paid for support of township libraries	$11,291 46	$10,826 08	.....	$465 38
Amount paid for support of district libraries	206,413 44	292,385 63	$85,972 19	.....

MISCELLANEOUS ITEMS (Tables XXII, XXIII, XIII, II, XIV, IV, VII, XXIX)

Items	1915	1916	Increase	Decrease
TEACHERS' INSTITUTES AND ASSOCIATIONS				
Number of State institutes held	167	179	12	.....
Amount received from State treasurer for such institutes	$2,396 27	$2,205 03	.....	$191 24
Amount received from county treasurer for such institutes	12,368 33	11,603 28	.....	765 05
Total amount expended	$14,764 60	$13,808 31	.....	$956 29

TABLE I—*Concluded*

Items	1915	1916	Increase	Decrease
Number of counties reporting county teachers' associations	61	82	21	
Amount paid board of examiners	$23,689 47	$25,097 75	$1,408 28	
Amount paid county commissioners of schools	103,990 00	110,690 00	6,700 00	
Total compensation	$127,679 47	$135,787 75	$8,108 28	
APPORTIONMENT OF PRIMARY SCHOOL INTEREST FUND				
Total amount of primary school money apportioned	$6,438,208 90	$6,485,725 40	$47,516 50	
Rate per capita	7 85	7 70		$0 15
Rate per capita for the year	7 85	7 70		0 15
Number of eighth grade diplomas granted during year (estimated)	*12.017	27,938		
Number of pupils enrolled in eighth grade (estimated)	*18,447	46,564		
Number of districts in which general tuition was paid	356	290		66
Amount of general tuition paid	$23,580 45	$22,201 92		$1,378 53
Number of districts in which eighth grade tuition was paid	4,296	4,670	374	
Amount of eighth grade tuition paid	$263,632 03	$305,306 79	$41,674 76	
Number of districts paying transportation	202	133		69
Amount of transportation paid	$57,915 06	$64,707 23	$6,792 17	
Number of districts furnishing free textbooks	1,422	1,284		138
Number of districts in State furnishing dictionaries	7,684	7,630		54
Number of districts reporting globes in schools	7,371	7,457	86	
Number of districts reporting maps in schools	7,467	7,492	25	
Number of districts having U. S. flag with staff	7,659	7,710	51	
Total number children in State reported blind or with defective vision	516	409		107

*City schools not included in 1915.
†Report on this item not complete. Report of Equalization Board for 1916, 1917, 1918, $2,800,000,000.

TABLE II

Fifty-eighth annual apportionment of the primary school interest fund

Counties	Apportionment made July 15, 1916, rate per capita $7.70		
	Whole number of children	Number of children included in apportionment	Amount apportioned
Totals	845,754	842,302	$6,485,725 40
Alcona	2,010	2,010	$15,477 00
Alger	2,319	2,319	17,856 30
Allegan	11,905	11,905	91,668 50
Alpena	6,272	6,272	48,294 40
Antrim	4,392	4,392	33,818 40
Arenac	3,773	3,773	29,052 10
Baraga	2,783	2,783	21,429 10
Barry	5,995	5,995	46,161 50
Bay	21,799	21,175	a 162,951 80
Benzie	3,276	3,276	b 25,303 70
Berrien	15,864	15,864	122,152 80
Branch	6,326	6,326	48,710 20
Calhoun	14,871	14,871	114,506 70
Cass	5,274	5,274	40,609 80
Charlevoix	5,812	5,812	c 44,995 75
Cheboygan	5,685	5,682	43,751 40
Chippewa	8,144	8,144	62,708 80
Clare	3,068	3,068	23,623 60
Clinton	6,516	6,041	46,515 70
Crawford	1,256	1,256	d 9,896 85
Delta	9,940	9,940	76,538 00
Dickinson	7,093	7,093	54,616 10
Eaton	7,373	7,373	56,772 10
Emmet	5,941	5,941	45,745 70
Genesee	15,986	15,986	e 122,990 37
Gladwin	3,421	3,421	26,341 70
Gogebic	8,455	8,455	65,103 50
Grand Traverse	6,187	6,187	47,639 90
Gratiot	8,736	8,736	67,267 20
Hillsdale	7,968	7,968	61,353 60
Houghton	27,502	27,493	211,696 10
Huron	12,051	11,871	91,406 70
Ingham	13,561	13,561	104,419 70
Ionia	8,112	8,112	62,462 40
Iosco	2,885	2,810	21,637 00
Iron	6,139	6,139	47,270 30
Isabella	7,253	7,122	54,839 40
Jackson	14,067	14,067	f 108,286 83
Kalamazoo	15,070	15,070	116,039 00
Kalkaska	2,287	2,287	17,609 90
Kent	44,724	44,724	344,374 80
Keweenaw	2,231	2,231	17,178 70
Lake	1,718	1,710	13,167 00
Lapeer	7,009	7,009	53,969 30
Leelanau	3,559	3,469	g 27,009 60
Lenawee	12,068	12,068	92,923 60
Livingston	4,554	4,554	35,065 80
Luce	1,311	1,311	10,094 70
Mackinac	3,024	3,024	23,284 80
Macomb	9,715	9,555	73,573 50

TABLE II—*Concluded*

Counties	Apportionment made July 15, 1916, rate per capita $7.70		
	Whole number of children	Number of children included in apportionment	Amount apportioned
Manistee	8,484	8,484	$65,326 80
Marquette	14,933	14,933	114,984 10
Mason	6,911	6,911	53,214 70
Mecosta	5,978	5,978	46,030 60
Menominee	9,600	9,600	73,920 00
Midland	5,196	5,196	40,009 20
Missaukee	3,721	3,721	28,651 70
Monroe	9,956	9,956	76,661 20
Montcalm	9,233	9,233	71,094 10
Montmorency	1,184	1,184	9,116 80
Muskegon	12,774	12,774	98,359 80
Newaygo	6,205	6,205	47,778 50
Oakland	13,424	13,424	103,364 80
Oceana	5,559	5,559	42,804 30
Ogemaw	3,294	3,294	25,363 80
Ontonagon	3,857	3,857	29,698 90
Osceola	5,828	5,828	44,875 60
Oscoda	682	682	5,251 40
Otsego	2,149	2,111	*h* 16,317 50
Ottawa	14,447	14,387	110,779 90
Presque Isle	4,210	3,674	28,289 80
Roscommon	779	779	5,998 30
Saginaw	28,319	27,837	*i* 214,360 60
St. Clair	16,086	16,086	123,862 20
St. Joseph	6,344	6,344	48,848 80
Sanilac	10,929	10,926	84,130 20
Schoolcraft	2,752	2,752	21,190 40
Shiawassee	9,038	9,038	69,592 60
Tuscola	10,997	10,903	83,953 10
Van Buren	9,363	9,363	72,095 10
Washtenaw	11,621	11,621	*j* 89,528 80
Wayne	168,416	167,943	1,293,161 10
Wexford	6,195	6,194	47,693 80

a Less $95.70, Bay City, for one unqualified teacher.
b Deficiency to district 1 Lake, July, 1915, $78.50.
c Deficiency to district 2 St. James, July, 1915, $243.35.
d Deficiency to district 1 fr. (25-3) Beaver Creek, July, 1915, $227.65.
e Less $101.83, Fenton City, for one unqualified teacher, 4 months.
f Less $29.08, Norvell 1 fr., for one unqualified teacher, 2 months.
g Deficiency to 2 fr. Elmwood, July, 1915, $298.30.
h Deficiency to district 7 Livingston, July, 1915, $62.80.
i Deficiency to district 6 Saginaw, July, 1915, $15.70.
j Deficiency to district 6 Ypsilanti, July, 1915, $47.10.

TABLE

General school statistics as reported by township

Counties	Number of townships and cities reporting	Whole number of school districts	Number of districts that maintained school	Number of districts not maintaining school that paid tuition	Number of graded school districts	Number of township unit districts	Number of children 5 years of age and under 20	Number of children 5 years of age and under 20 that attended school during the year
Totals	1,339	7,339	7,241	87	646	167	866,570	620,861
Alcona	11	38	38	.....	1	2	1,989	1,530
Alger	8	8	7	1	4	8	2,524	1,747
Allegan	24	178	177	1	16	1	12,024	8,861
Alpena	9	12	12	.....	1	7	6,065	3,507
Antrim	15	70	70	.....	6	1	4,249	3,558
Arenac	11	43	43	.....	8	0	3,659	2,722
Baraga	5	5	5	.....	3	5	2,667	1,847
Barry	17	142	141	1	5	0	6,073	4,642
Bay	15	73	73	.....	5	1	21,942	11,916
Benzie	12	52	51	1	6	0	2,996	2,613
Berrien	23	144	141	3	21	0	15,816	12,132
Branch	17	127	126	1	5	0	6,318	4,897
Calhoun	23	167	163	4	8	0	15,343	12,037
Cass	16	112	108	4	5	0	5,353	4,344
Charlevoix	15	69	68	1	5	0	5,623	4,522
Cheboygan	20	62	62	.....	3	4	5,372	3,703
Chippewa	15	32	32	.....	5	11	8,282	5,885
Clare	18	73	70	3	4	.....	2,951	2,238
Clinton	17	129	126	3	8	.....	6,504	4,551
Crawford	6	26	23	2	2	.....	1,316	1,102
Delta	15	21	21	.....	3	11	10,021	6,795
Dickinson	9	9	9	.....	5	7	7,113	5,856
Eaton	18	141	141	.....	10	.....	7,339	6,203
Emmet	16	71	71	.....	5	.....	5,678	3,876
Genesee	20	155	152	3	13	.....	18,747	14,907
Gladwin	16	63	63	.....	3	3	3,367	2,511
Gogebic	9	9	9	.....	4	7	8,965	6,804
Grand Traverse	14	70	69	1	3	.....	5,973	4,741
Gratiot	19	132	132	.....	12	.....	8,940	6,980
Hillsdale	19	163	159	4	14	.....	7,771	6,330
Houghton	15	27	27	.....	9	6	27,998	20,709
Huron	27	126	126	.....	24	.....	11,872	8,256
Ingham	19	137	132	5	12	.....	14,554	11,526
Ionia	18	141	138	3	12	.....	8,235	5,912
Iosco	13	36	35	1	7	1	2,850	2,115
Iron	7	7	7	.....	5	6	6,465	5,554
Isabella	17	109	109	.....	4	.....	7,172	4,838
Jackson	20	153	153	.....	9	.....	14,701	10,430
Kalamazoo	17	124	120	4	9	1	15,177	10,432
Kalkaska	11	52	52	.....	3	.....	2,180	1,755
Kent	25	205	202	3	22	.....	45,969	28,029
Keweenaw	5	5	5	.....	.....	4	2,241	1,718
Lake	14	53	50	.....	3	.....	1,670	1,246
Lapeer	19	134	132	2	13	.....	6,855	5,500
Leelanau	11	59	59	.....	3	.....	3,480	2,382
Lenawee	24	195	192	3	14	.....	12,013	9,060
Livingston	16	133	132	1	4	.....	4,522	3,371
Luce	4	4	4	.....	1	4	1,308	1,163
Mackinac	14	14	14	.....	2	12	2,959	1,925
Macomb	16	113	112	1	15	.....	9,706	6,293

III

clerks for the year ending July 10, 1916

Number of children enrolled in the 7th grade	Number of children enrolled in the 8th grade	Whole number of days of school	Percentage of attendance	Number of schoolhouses	Number of U. S. flags	Estimated value of school property	Assessed property valuation of districts	Number of schoolhouses to be built during ensuing year.	Average number months of school
27,791	28,064	1,257,097	88	8,840	7,710	$57,930,121 00	*$2,550,307,064 00	116	8.5
98	146	6,575	71	47	45	$73,625 00	$3,287,084 00	.....	8.6
114	91	1,317	92	38	35	212,104 00	6,674,257 00	1	8.2
689	720	30,226	88	194	171	497,160 00	38,045,509 00	2	8.4
113	134	2,048	85	79	70	218,207 00	12,620,170 00	2	8.5
276	256	12,212	76	78	73	194,779 00	1,720,120 00	1	8.7
224	202	7,665	77	49	46	119,850 00	5,608,020 00	.....	8.9
105	99	968	89	38	37	107,400 00	2,080,000 00	2	9.6
336	360	24,171	89	144	109	229,980 00	9,769,270 00	1	8.5
369	381	12,859	76	94	90	1,377,885 00	46,817,502 00	2	8.8
196	195	8,232	83	55	51	103,230 00	4,163,438 00	.....	7.9
669	661	23,633	89	163	136	922,485 00	49,558,020 00	3	8.2
351	404	21,778	88	128	111	283,775 00	19,064,871 00	.....	8.5
395	401	28,517	92	182	150	1,556,050 00	69,099,823 00	2	8.5
285	272	18,611	85	115	96	332,700 00	21,560,385 00	.....	8.3
341	210	11,283	83	77	70	335,040 00	6,826,857 00	.....	8.1
174	191	10,367	80	89	81	279,762 00	5,875,912 00	.....	8.3
183	184	5,704	81	102	93	533,999 00	32,258,200 00	4	8.9
154	173	11,435	80	72	59	111,660 00	1,284,989 00	.....	7.8
357	345	22,158	88	131	97	274,861 00	29,891,110 00	2	8.5
45	63	3,280	92	26	22	107,769 00	.....	.....	6.3
230	226	3,871	88	85	74	516,245 00	13,011,808 00	2	9.2
133	117	1,760	94	49	39	795,571 00	7,277,992 00	2	9.7
416	417	24,642	92	149	98	388,201 00	25,195,810 00	.....	8.7
239	215	11,552	88	78	70	385,375 00	6,695,780 00	1	8.1
437	462	26,946	91	170	124	1,206,957 00	73,850,702 00	2	8.6
162	190	10,502	73	64	61	110,225 00	5,506,346 00	2	8.3
144	110	1,727	92	51	46	864,181 00	43,686,160 00	2	9.5
202	204	11,230	88	74	74	424,400 00	12,369,150 00	.....	8.0
491	587	22,487	84	137	120	436,915 00	29,294,800 00	.....	8.5
442	499	27,944	88	167	109	427,775 00	33,731,692 00	.....	8.5
1,343	968	5,166	88	139	130	1,230,720 00	85,959,719 00	3	9.5
559	549	23,048	81	131	122	409,800 00	10,416,031 00	1	9.1
316	296	23,042	92	155	119	867,492 00	69,699,922 00	4	8.4
379	406	24,223	91	148	118	381,724 00	29,312,212 00	1	8.5
134	101	6,227	81	39	36	104,519 00	2,313,780 00	.....	8.6
196	175	1,380	89	50	39	828,922 00	33,840,979 00	4	9.8
362	428	18,514	90	113	110	212,855 00	9,015,895 00	1	8.4
402	451	27,076	92	173	135	945,810 00	64,028,140 00	1	8.8
333	379	20,942	91	141	96	1,360,265 00	53,271,545 00	.....	8.4
127	146	8,624	78	58	54	98,150 00	4,574,781 00	.....	8.2
849	860	35,790	84	245	208	3,816,245 00	179,376,325 00	1	8.7
103	78	933	87	16	15	68,200 00	21,758,585 00	.....	9.3
114	116	7,714	81	51	47	77,365 00	832,939 00	.....	7.2
382	393	23,714	82	138	112	251,650 00	14,962,620 00	1	8.9
207	233	9,844	82	63	60	102,400 00	2,700,872 00	1	8.3
620	798	33,847	88	206	194	730,197 00	50,723,212 00	1	8.6
299	405	23,182	89	136	107	218,118 00	19,118,422 00	1	8.7
66	91	767	81	19	18	116,500 00	3,527,735 00	.....	9.5
99	114	2,436	77	61	56	87,987 00	1,553,300 00	.....	8.7
448	350	20,343	85	122	117	496,175 00	31,968,857 00	1	9.0

TABLE III

Counties	Number of townships and cities reporting	Whole number of school districts	Number of districts that maintained school	Number of districts not maintaining school that paid tuition	Number of graded school districts	Number of township unit districts	Number of children 5 years of age and under 20	Number of children 5 years of age and under 20 that attended school during the year
Manistee	15	76	76	.....	8	.....	7,980	5,050
Marquette	21	21	21	.....	8	18	15,064	10,160
Mason	16	68	68	.....	4	1	6,639	4,759
Mecosta	17	105	103	2	7	1	5,851	4,420
Menominee	12	44	44	.....	3	7	9,421	6,441
Midland	17	86	84	2	4	.....	5,345	3,767
Missaukee	15	68	68	.....	5	.....	3,683	2,857
Monroe	16	140	140	.....	6	.....	9,997	6,165
Montcalm	22	142	142	.....	13	.....	9,109	7,024
Montmorency	8	10	10	.....	3	7	1,264	990
Muskegon	20	95	94	1	9	.....	13,637	9,646
Newaygo	24	131	129	2	5	.....	6,008	4,733
Oakland	26	202	197	5	14	.....	14,472	11,806
Oceana	16	94	93	1	6	.....	5,365	3,903
Ogemaw	15	51	50	.....	5	2	3,109	2,429
Ontonagon	11	11	11	.....	5	11	4,060	3,417
Osceola	16	97	95	1	7	.....	5,647	4,345
Oscoda	5	10	10	.....	.....	3	710	543
Otsego	9	33	30	1	4	1	1,937	1,503
Ottawa	18	127	126	1	23	.....	14,300	10,078
Presque Isle	14	35	35	.....	3	5	4,275	2,485
Roscommon	9	34	32	1	1	.....	753	562
Saginaw	30	166	165	.....	13	.....	28,283	15,875
St. Clair	26	156	155	1	8	.....	16,158	10,123
St. Joseph	18	123	120	3	8	.....	6,410	5,141
Sanilac	28	159	157	1	26	.....	10,639	8,404
Schoolcraft	9	9	9	.....	2	8	2,732	1,973
Shiawassee	18	124	122	2	10	.....	9,128	7,206
Tuscola	23	153	153	.....	13	.....	10,822	8,105
Van Buren	19	150	150	.....	17	.....	9,299	7,404
Washtenaw	22	165	162	3	8	.....	11,799	8,341
Wayne	23	149	148	1	27	.....	183,897	130,592
Wexford	17	82	79	3	7	1	5,850	5,043

—*Concluded*

Number of children enrolled in the 7th grade	Number of children enrolled in the 8th grade	Whole number of days of school	Percentage of attendance	Number of schoolhouses	Number of U. S. flags	Estimated value of school property	Assessed property valuation of districts	Number of schoolhouses to be built during ensuing year	Average number months of school
293	275	12,392	86	81	81	340,045 00	$11,883,951 00	.....	8.1
258	225	3,938	88	103	81	1,325,575 00	46,759,123 00	5	9.3
285	255	11,310	87	78	74	406,778 00	7,011,090 00	1	8.3
347	312	17,411	87	112	104	253,541 00	11,026 360 00	.....	8.2
306	237	7,849	87	95	78	162,617 00	16,962,712 00	4	8.9
277	324	13,895	86	87	82	188,900 00	11,495,396 00	3	8.0
261	250	11,411	83	69	65	111,025 00	4,300,063 00	2	8.3
431	490	24,424	88	146	131	414,634 00	40,187,087 00	.....	8.7
536	584	24,641	85	146	138	372,025 00	7,328,062 03	1	8 6
56	56	1,733	71	36	32	48,725 00	2,181,476 00	1	8.6
305	363	15,963	91	109	98	1,637,577 00	36,092,565 00	3	8.4
384	442	20,926	90	129	120	223,170 00	7,754,291 00	.....	7.9
607	661	35,458	90	217	176	1,335,285 00	42,929,140 00	6	8.7
301	371	15,617	86	95	89	239,470 00	11,400,436 03	.....	8.3
158	172	8,436	80	55	49	110,700 00	554,670 00	3	8.2
259	203	2,055	82	69	57	352,887 00	7,513,700 00	3	9.3
360	366	16,213	86	98	95	192,900 00	9,012,000 03	.....	8.3
66	53	1,532	86	31	31	27,700 00	1,065,495 00	1	7.6
83	106	5,133	80	38	37	91,350 00	1,493,225 00	.....	7.8
510	557	22,495	92	138	134	701,675 00	30,080,911 00	1	8.5
178	171	5,952	78	55	52	156,300 00	1,758,715 00	.....	8.5
46	55	4,513	83	31	25	29,523 00	1,038,483 00	1	6.6
621	670	29,085	89	194	182	1,711,785 00	71,829,857 00	1	8.7
436	463	27,850	89	176	152	890,665 00	41,931,720 00	2	8 9
304	319	20,585	92	131	97	411,660 00	19,750,185 00	3	8.3
690	734	28,382	80	159	143	410,680 00	25,223,670 00	1	8.9
49	45	1,745	83	37	35	132,900 00	6 762,274 00	2	9.6
368	410	21,995	89	129	111	608,175 00	35,602,795 00	2	8.8
672	667	27,496	83	158	150	293,350 00	7,784,600 00	.....	8.9
602	591	25,358	89	160	146	475,525 00	30,984,310 00	1	8.4
410	512	28,609	88	175	151	1,099,141 00	47,798,130 00	1	8.6
1,341	1,019	27,115	92	285	278	16,901,578 00	636,744,926 00	14	9.0
283	254	12,978	86	89	86	439,000 00	10,283,968 00	.....	7.9

*Reports not complete. Report of State Equalization Board gives $2,800,000,000.

TABLE IV

Counties	Whole number of districts paying			Amount of transportation paid	Number graduated from eighth grade	Number graduated from eighth grade that entered high school during year	Number pupils pursuing studies above the eighth grade	Number of standard schools in the State
	General tuition	Eighth grade tuition	Transportation					
Totals	290	4,670	133	$64,707 23	17,201	16,567	25,593	285
Alcona	3	8	0		49	14	51	
Alger	3	5	6	$2,451 75	67	2	145	
Allegan	7	124	0	123 00	534	201	620	35
Alpena	5	4	0	10 00	29	111		
Antrim	2	34			124	67	408	1
Arenac	1	21			110	75	94	
Baraga		1	1	2,600 00	54	40	133	3
Barry	5	92			185	77	358	4
Bay		42	1		255	294	47	1
Benzie	1	29	4	2,303 00	121	27	298	
Berrien	6	104	3	222 30	354	238	562	7
Branch	3	91	2	223 22	234	191	277	7
Calhoun	4	114	2	198 20	253	113	264	1
Cass	8	79	1	20 00	197	109	210	2
Charlevoix	3	32			117	64	209	4
Cheboygan	1	26	1	360 00	69	60	44	12
Chippewa	1	13	2	237 82	88	210	87	
Clare	7	26	1	48 00	92	34	78	
Clinton	6	93	1	25 00	250	135	253	
Crawford	3	8	2	421 75	49	13	100	
Delta	5	8			89	228	96	
Dickinson	2	4	3	1,721 00	88	129	90	2
Eaton	1	113			236	126	499	2
Emmet	2	42	3	317 00	127	143	230	
Genesee	7	118	5	1,548 88	255	94	377	5
Gladwin	1	29		151 20	94	55	51	
Gogebic		3		2,533 00	82	179	18	
Grand Traverse	1	43	1	225 00	135	201	104	5
Gratiot	5	92			277	104	172	
Hillsdale	5	131			323	128	655	
Houghton	2	12	14	17,713 39	677	663	2,167	
Huron	4	71	1	14 00	330	162	436	
Ingham	5	94	4	1,505 94	229	375	273	5
Ionia	5	105	3	187 00	306	215	457	9
Iosco	1	13		50 00	62	45	82	1
Iron	1	1		3,856 59	118	95	300	9
Isabella		62			244	136	131	4
Jackson	3	111		13 50	252	288	402	2
Kalamazoo	6	84	3	931 05	247	369	404	1
Kalkaska	3	22			87	28	33	1
Kent	8	133		427 00	590	255	927	10
Keweenaw		3		4,293 25	52	26	57	
Lake	2	16		419 30	79	27	50	
Lapeer	2	105	1	40 00	307	153	357	
Leelanau	2	29			164	42	149	
Lenawee	11	133		485 00	381	271	554	1
Livingston	1	99	1	40 66	286	72	435	
Luce	1	2	2	813 00	75	5	143	
Mackinac	3	5	3	934 40	28	30	3	
Macomb	2	69	1	18 00	159	170	462	
Manistee	2	40	6	128 50	154	73	108	3
Marquette	2	5	5	2,093 40	145	217	273	15
Mason	6	40	1	80 2 40	142	70	190	16
Mecosta	6	56			118	72	118	6
Menominee	5	19	4	1 143 90	120	137	147	4

TABLE IV—*Concluded*

Counties	Whole number of districts paying			Amount of transportation paid	Number graduated from eighth grade	Number graduated from eighth grade that entered high school during year	Number pupils pursuing studies above the eighth grade	Number of standard schools in the State
	General tuition	Eighth grade tuition	Transportation					
Midland	4	45	2	$90 00	134	86	126	1
Missaukee	3	36	.....	114 28	146	61	227	2
Monroe	.....	103	.....	.....	233	174	182	.....
Montcalm	10	100	1	9 00	433	204	525	.....
Montmorency	1	3	2	245 00	19	15	64	.....
Muskegon	3	46	1	204 00	208	410	231	9
Newaygo	6	61	2	216 00	278	136	475	13
Oakland	5	152	3	264 85	464	296	905	14
Oceana	1	76	1	169 00	318	219	522	4
Ogemaw	1	21	.....	.....	60	24	19	.....
Ontonagon	3	.....	6	5,377 27	156	45	401	.....
Osceola	7	62	1	92 50	286	164	352	.....
Oscoda	3	2	4	675 93	22	2	9	.....
Otsego	3	18	.....	85 00	64	19	160	.....
Ottawa	4	78	2	7 00	477	375	300	22
Presque Isle	3	12	4	.....	57	31	243	.....
Roscommon	2	9	.....	.....	35	6	29	.....
Saginaw	5	105	1	140 00	402	553	254	7
St. Clair	5	112	3	506 00	324	383	265	1
St. Joseph	4	87	2	182 50	232	201	320	2
Sanilac	7	104	.....	.....	417	291	451	1
Schoolcraft	3	7	.....	.....	36	74	21	.....
Shiawassee	3	93	.....	.....	310	226	344	3
Tuscola	1	104	.....	.....	381	153	779	5
Van Buren	7	115	1	1,656 00	448	200	757	4
Washtenaw	6	121	2	83 50	307	299	496	5
Wayne	4	100	6	2,693 00	494	4,130	1,734	10
Wexford	5	43	1	96 00	141	133	214	4

TABLE V

Employment of teachers as reported by township clerks for the year ending July 10, 1916

Counties	Number of teachers required		Number of different teachers employed		Aggregate number of months taught		Total salary paid teachers			Average monthly salary	
	Graded schools	Ungraded schools	Men	Women	Men	Women	Men	Women	Total	Men	Women
Totals	12,561	7,600	2,981	17,998	26,906	162,960	$2,627,615 89	$10,075,240 58	$12,702,856 47	$97 66	$61 82
Alcona	5	47	11	42	99	352	$5,744 50	$16,223 69	$21,968 19	$58 02	$46 09
Alger	48	15	16	60	149	541	13,734 31	33,282 42	47,016 73	92 17	61 52
Allegan	129	181	51	274	445	2,359	32,311 00	120,107 05	152,418 05	72 60	50 91
Alpena	56	69	15	121	140	1,029	11,714 25	52,104 67	63,818 92	83 67	50 63
Antrim	57	71	24	109	204	933	15,483 22	44,788 25	60,271 47	75 89	48 00
Arenac	31	47	14	66	121	603	8,397 00	27,656 65	36,053 65	69 39	45 86
Baraga	51	11	10	53	99	514	8,975 00	27,612 50	36,587 50	90 65	53 72
Barry	63	140	35	183	286	1,546	21,274 30	72,775 08	94,049 38	74 38	47 08
Bay	258	97	49	313	473	2,947	50,792 00	201,874 65	252,666 65	107 38	68 50
Benzie	47	47	14	82	114	694	9,140 63	34,211 13	43,351 76	80 18	49 29
Berrien	250	122	60	347	535	3,074	50,784 21	168,590 37	219,374 58	94 92	54 84
Branch	84	132	48	168	384	1,449	26,802 20	74,096 45	100,898 65	69 79	51 13
Calhoun	302	105	56	408	504	3,621	50,706 05	229,330 67	280,036 72	100 60	63 33
Cass	75	105	27	160	233	1,380	18,577 25	69,494 58	88,071 83	79 73	50 36
Charlevoix	96	65	26	145	222	1,204	18,794 75	65,964 19	84,758 94	84 66	54 78
Cheboygan	47	82	18	118	145	1,004	11,927 00	52,306 75	64,233 75	82 25	52 09
Chippewa	127	63	35	165	332	1,505	27,973 00	93,730 25	121,703 25	84 25	62 21
Clare	29	66	22	80	177	635	10,061 00	28,727 50	38,788 50	56 48	45 24
Clinton	65	124	27	164	245	1,461	18,759 50	76,672 10	95,431 60	76 57	52 48
Crawford	16	21	3	49	26	281	2,290 00	15,823 00	18,113 00	88 07	56 30
Delta	125	85	29	187	258	1,766	23,905 52	96,825 76	120,731 28	92 65	54 82
Dickinson	147	25	21	155	198	1,512	21,894 58	93,690 48	115,585 06	105 78	61 96
Eaton	121	121	32	237	280	2,039	22,843 50	109,421 15	132,264 65	81 58	53 66
Emmet	82	70	25	138	207	1,110	18,938 15	66,954 97	85,893 12	91 48	60 32
Genesee	325	143	43	428	406	3,987	39,887 50	210,371 64	250,259 14	98 25	55 55
Gladwin	20	66	19	66	157	561	8,747 00	26,490 00	35,237 00	55 71	47 21
Gogebic	187	45	31	203	306	2,001	35,708 30	125,793 91	161,502 21	116 69	62 86
Grand Traverse	83	76	26	136	233	1,162	21,722 00	64,677 41	86,399 41	93 22	55 66
Gratiot	100	135	38	185	333	1,701	27,361 00	90,400 08	117,761 08	82 16	53 14
Hillsdale	110	139	63	213	522	1,869	35,513 65	88,415 84	123,929 49	67 31	47 30

Houghton	609	112	80	631	746	5,959	95,494 17	386,901 74	482,395 91	128 00	64 92
Huron	112	110	58	175	534	1,564	40,023 10	83,806 75	123,829 85	75 33	53 58
Ingham	251	128	44	350	396	3,033	38,944 70	182,643 93	221,588 63	98 34	60 21
Ionia	129	129	34	249	311	2,100	26,510 50	103,449 71	129,960 21	85 24	49 26
Iosco	40	33	15	58	137	541	9,589 20	24,743 25	34,332 45	69 99	45 73
Iron	175	10	31	162	285	1,600	32,547 13	98,369 61	130,916 74	114 20	61 47
Isabella	39	108	32	122	259	1,041	18,163 82	54,637 75	72,801 57	70 33	52 48
Jackson	215	142	44	342	415	3,054	40,032 65	162,140 13	202,172 78	96 46	53 09
Kalamazoo	324	118	74	385	648	3,477	66,682 79	225,174 56	291,857 35	102 90	64 76
Kalkaska	16	53	12	61	100	484	6,245 08	23,520 38	29,765 46	62 45	48 59
Kent	827	194	114	920	1,082	8,781	130,057 98	660,032 69	790,090 67	120 21	75 16
Keweenaw	0	46	8	40	80	381	6,288 63	21,920 80	28,209 43	78 60	57 53
Lake	12	48	11	54	82	400	4,537 50	17,183 00	21,720 50	55 34	42 95
Lapeer	85	112	30	183	254	1,669	19,002 61	79,497 20	98,499 81	74 81	47 63
Leelanau	18	53	19	68	137	550	8,738 00	28,413 25	37,151 25	63 78	51 66
Lenawee	161	181	47	306	423	2,680	36,985 50	149,923 49	186,908 99	87 44	55 94
Livingston	41	130	24	157	214	1,367	13,334 13	60,376 85	73,710 98	62 30	44 17
Luce	33	18	7	44	64	414	5,355 00	22,554 50	27,909 50	83 67	54 48
Mackinac	18	57	14	65	123	560	8,963 00	28,178 55	37,141 55	72 87	50 31
Macomb	112	92	38	180	358	1,620	28,849 00	88,958 73	117,807 73	80 58	54 91
Manistee	110	80	25	163	221	1,446	20,670 37	81,660 83	102,331 20	93 53	56 47
Marquette	295	76	53	319	503	3,048	59,605 51	189,848 56	249,454 07	118 50	62 28
Mason	79	78	37	125	303	1,073	21,889 43	57,891 13	79,780 56	72 24	53 95
Mecosta	57	97	15	143	129	1,237	10,164 25	59,138 41	69,302 66	78 79	47 80
Menominee	124	86	17	192	159	1,782	17,732 00	95,195 51	112,927 51	111 52	53 42
Midland	34	85	16	107	141	918	9,178 00	45,703 75	54,881 75	65 09	49 78
Missaukee	32	70	19	85	160	725	11,344 72	35,055 26	46,399 98	70 90	48 35
Monroe	70	138	49	168	413	1,457	29,705 57	80,074 50	109,780 07	71 92	54 95
Montcalm	89	139	44	208	393	1,752	27,602 13	85,212 99	112,815 12	70 23	48 63
Montmorency	23	22	8	34	67	302	3,965 00	13,075 00	17,040 00	59 17	43 29
Muskegon	253	95	38	312	362	2,886	48,225 76	171,420 50	219,646 26	133 22	59 39
Newaygo	48	123	27	169	224	1,337	15,492 25	63,492 52	78,984 77	69 16	47 49
Oakland	219	180	53	378	492	3,494	43,532 22	195,777 72	239,309 94	88 48	56 03
Oceana	58	94	31	132	270	1,054	21,052 87	52,688 50	73,741 37	77 97	49 98
Ogemaw	26	54	8	72	74	624	4,702 50	28,558 38	33,260 88	63 54	45 76
Ontonagon	94	37	18	115	167	1,099	15,887 50	59,571 61	75,459 11	95 13	54 20
Osceola	56	92	17	147	154	1,160	11,577 50	56,085 97	67,663 47	75 18	48 35
Oscoda	0	31	10	24	83	181	3,787 50	7,834 00	11,621 50	45 63	43 28
Otsego	28	30	10	53	82	423	6,362 50	21,846 83	28,209 33	77 59	51 64
Ottawa	197	121	47	278	432	2,582	35,357 50	137,780 26	173,137 76	81 84	53 36

TABLE V—*Concluded*

Counties	Number of teachers required		Number of different teachers employed		Aggregate number of months taught		Total salary paid teachers			Average monthly salary	
	Graded schools	Ungraded schools	Men	Women	Men	Women	Men	Women	Total	Men	Women
Presque Isle	38	40	17	68	142	546	$10,034 00	$28,451 50	$38,485 50	$70 66	$52 19
Roscommon	5	31	7	30	54	223	2,925 00	10,175 00	13,100 00	54 16	45 62
Saginaw	326	173	67	444	630	4,156	68,744 20	252,297 41	321,041 61	109 11	60 70
St. Clair	185	158	39	317	344	2,800	31,202 30	151,542 20	182,744 50	90 70	54 12
St. Joseph	121	113	43	193	370	1,694	27,302 52	84,001 54	111,304 06	73 79	49 59
Sanilac	88	141	72	166	652	1,498	46,321 75	76,779 05	123,100 80	71 04	51 25
Schoolcraft	39	32	8	63	79	621	8,622 00	34,110 00	42,732 00	109 14	54 92
Shiawassee	131	117	31	219	301	2,052	25,646 25	102,083 23	127,729 48	85 46	49 74
Tuscola	99	149	39	217	359	1,961	26,580 00	93,373 57	119,953 57	74 03	47 61
Van Buren	140	139	52	251	445	2,060	35,395 91	103,161 38	138,557 29	79 54	50 08
Washtenaw	196	148	36	327	327	2,958	39,689 83	173,482 98	213,172 81	121 37	58 64
Wayne	2,851	164	378	2,715	3,681	26,353	562,614 67	2,376,180 97	2,938,795 64	152 84	90 01
Wexford	97	78	26	157	212	1,323	17,595 52	70,849 46	88,444 98	82 99	53 55

TABLE VI

Resources of school districts as reported by township clerks for the year ending July 10, 1916

Counties	Ordinary receipts							Received from loans	Money on hand July 12, 1915	Total resources including amount on hand
	One mill tax	Primary school interest fund	Library money	Tuition of nonresident pupils	District taxes for all purposes	Raised from all other sources	Total net receipts			
Totals	$1,831,216 34	$6,424,578 21	$165,922 53	$417,794 98	$12,249,864 50	$1,876,388 83	$22,965,765 39	$4,234,006 46	$3,854,594 46	$31,054,366 31
Alcona	$199 41	$15,244 70	$403 14	$337 50	$16,117 55	$1,806 22	$34,108 52	$7,172 50	$11,189 06	$52,470 08
Alger		16,783 30	861 27	451 00	91,954 98	1,439 64	111,490 19	61,946 22	35,040 98	208,477 39
Allegan	37,485 33	89,717 55	754 74	10,775 89	95,187 63	7,230 91	241,152 05	9,007 93	50,531 88	300,691 86
Alpena	554 16	49,078 20	72 09	698 32	41,184 70	4,727 98	96,225 45	13,579 43	17,481 37	127,286 25
Antrim	5,748 29	33,252 60	261 72	2,023 24	51,883 75	10,269 43	103,439 03	6,111 53	19,977 59	129,528 15
Arenac		28,848 75	176 63	1,794 00	27,816 76	3,804 69	62,440 83	7,195 22	20,035 42	89,671 47
Baraga	5,563 00	20,402 15	593 72		45,722 16	5,737 64	78,018 67	4,992 97	14,228 34	97,239 98
Barry	18,136 68	46,301 88	669 60	9,343 80	70,026 59	3,033 65	147,752 20	85,677 62	22,160 66	255,590 48
Bay	28,955 50	156,599 50	407 44	3,136 67	146,092 74	12,305 59	347,497 44	22,337 93	67,169 84	437,005 21
Benzie	3,101 85	25,929 65	151 59	1,304 33	35,465 32	4,352 59	70,305 33	3,385 60	11,556 11	85,247 04
Berrien	35,973 83	119,738 04	1,757 65	11,170 54	187,944 82	11,471 09	368,055 97	158,912 45	52,839 26	579,807 68
Branch	28,622 05	49,003 35	701 09	5,030 74	70,158 65	3,406 19	156,922 07	5,038 08	32,703 32	194,663 47
Calhoun	37,256 99	116,384 10	2,177 05	10,726 88	317,353 95	6,114 96	490,013 93	15,608 53	39,666 86	545,289 32
Cass	19,053 55	40,288 25	319 35	6,948 92	71,203 83	3,663 30	141,477 20	13,646 71	28,409 37	183,533 28
Charlevoix	7,554 00	46,374 45	441 60	1,450 57	82,287 63	8,730 01	146,838 26	10,879 49	14,299 06	172,016 81
Cheboygan	5,323 25	44,359 32	382 18	1,763 75	62,515 74	5,517 08	119,861 32	18,784 71	26,720 39	165,366 42
Chippewa	10,032 82	63,325 95	836 77	2,052 04	121,654 50	5,851 66	203,753 74	12,455 62	169,919 23	386,128 59
Clare	1 411 42	24,193 70	261 75	2,157 87	32,634 05	3,300 81	63,959 60	5,418 01	11,560 91	80,938 52
Clinton	26,220 88	45,691 30	407 24	6,184 73	54,922 99	4,773 18	138,200 32	19,676 75	44,277 68	202,154 75
Crawford	276 98	9,789 30	103 18	327 17	26,861 18	1,903 22	39,261 03	11,285 95	55,809 98	106,356 96
Delta		75,352 15	2,003 79	1,782 92	110,636 06	7,252 22	197,027 14	20,093 91	20,242 03	237,363 08
Dickinson	11,933 00	55,169 80	1,539 70	2,879 68	172,201 39	2,491 78	246,215 35	21,474 10	14,190 84	281,880 29
Eaton	29,905 47	57,036 75	445 33	12,146 71	101,984 37	4,072 32	205,590 95	20,147 19	28,663 88	254,402 02
Emmet	1,692 16	44,357 50	774 37	2,784 71	93,078 17	3,751 04	146,407 95	33,174 48	35,455 30	215,037 73
Genesee	65,225 71	119,547 65	3,165 83	11,280 39	260,694 52	9,357 73	469,271 83	126,465 33	103,485 95	699,223 11
Gladwin	1,470 39	25,386 90	345 78	1,245 65	25,157 13	2,888 10	56,493 95	5,078 85	19,767 81	81,340 61
Gogebic	36,622 46	65,994 95	453 07	1,606 97	284,704 74	5,186 81	391,569 00	139,500 00	25,271 79	559,340 79
Grand Traverse	8,155 29	48,394 05	903 57	4,328 28	75,622 95	8,895 24	146,299 38	3,675 73	42,839 74	192,814 85
Gratiot	23,628 84	67,154 40	298 49	7,242 86	88,272 17	4,191 30	190,788 06	14,137 75	40,195 78	245,121 59
Hillsdale	33,603 70	61,605 80	462 20	9,925 58	94,273 15	2,579 21	202,449 64	37,937 15	24,683 01	265,069 80

TABLE VI—*Concluded*

Counties	Ordinary receipts							Received from loans	Money on hand July 12, 1915	Total resources including amount on hand
	One mill tax	Primary school interest fund	Library money	Tuition of nonresident pupils	District taxes for all purposes	Raised from all other sources	Total net receipts			
Houghton	$68,757 38	$214,407 05	$3,773 91	$21,795 75	$553,025 84	$49,125 34	$910,885 27	$233,499 50	$230,058 66	$1,374,443 43
Huron	12,458 29	89,270 30	678 78	5,660 52	84,788 38	4,103 80	196,960 07	15,064 14	63,437 51	275,461 72
Ingham	73,595 83	101,955 68	2,444 80	13,819 21	227,377 25	20,694 07	439,886 84	50,726 25	88,238 21	578,851 30
Ionia	26,315 53	63,138 60	480 05	10,514 06	97,757 60	4,097 45	202,303 29	20,548 14	30,228 04	253,079 47
Iosco	4,165 55	18,858 79	60 66	585 75	27,580 50	3,752 40	55,003 65	754 02	17,533 86	73,291 53
Iron	25,984 43	45,710 55	1,397 52	249 38	245,042 62	6,687 86	325,072 36	64,000 00	16,831 16	405,903 52
Isabella	3,306 80	54,341 10	93 62	2,683 70	51,530 58	4,242 60	116,198 40	1,745 44	36,662 97	154,606 81
Jackson	62,958 63	108,905 15	3,236 71	8,520 71	194,916 98	16,169 03	394,707 21	230,650 29	45,443 07	670,800 57
Kalamazoo	74,909 78	118,640 63	1,920 97	6,932 27	327,688 33	8,991 20	539,083 18	105,077 34	43,220 05	687,380 57
Kalkaska	3,201 34	17,788 10	227 23	643 75	26,639 85	1,296 96	49,797 23	4,220 74	15,457 94	69,475 91
Kent	203,814 46	345,366 67	80,840 79	17,283 56	777,139 44	36,412 66	1,460,857 58	217,391 81	73,716 69	1,751,966 08
Keweenaw	21,634 98	16,853 95	515 42		27,092 06	788 83	66,885 24		11,698 16	78,583 40
Lake	863 67	12,866 90	132 00	310 00	19,768 22	3,743 27	37,684 06	2,895 00	8,202 17	48,781 23
Lapeer	18,286 25	53,496 50	300 03	7,385 29	66,783 63	4,297 28	150,548 98	19,706 78	23,173 00	193,428 76
Leelanau	2,580 66	25,488 95	108 14	1,446 98	25,005 92	1,649 27	56,279 92	8,930 40	17,070 66	82,280 98
Lenawee	53,807 82	92,881 18	1,380 63	13,619 01	151,874 71	4,528 26	318,091 61	27,507 50	49,292 59	394,891 70
Livingston	20,905 97	34,908 95	207 29	4,669 68	47,091 56	1,720 48	109,503 93	2,679 15	20,584 14	132,767 22
Luce	5,072 14	10,197 15	652 03	690 00	44,705 46	3,560 68	64,877 46	11,578 41	6,541 24	82,997 11
Mackinac	2,141 01	23,251 70	198 77	140 00	36,977 29	3,576 13	66,284 90	1,799 94	8,219 85	76,304 69
Macomb	24,556 78	71,725 45	706 32	4,981 22	85,591 28	7,167 28	194,728 33	17,013 42	50,905 84	262,647 59
Manistee	3,776 20	65,971 40	155 67	3,395 06	87,757 35	6,522 18	167,577 86	22,362 75	21,485 44	211,426 05
Marquette	54,729 83	118,432 95	1,433 37	744 13	264,167 88	15,895 67	455,403 83	19,122 53	127,886 19	602,412 55
Mason	4,616 73	53,777 87	230 74	3,774 23	65,344 84	2,597 16	130,341 57	16,127 25	16,622 46	163,091 28
Mecosta	9,549 74	46,280 10	765 95	2,566 64	46,572 05	3,668 35	109,402 83	3,229 25	32,067 44	144,699 52
Menominee	9,132 19	73,384 40	478 96	1,108 85	117,105 02	9,838 84	211,048 26	178,120 29	31,711 40	420,879 95
Midland	1,619 11	39,045 90	86 39	4,473 23	39,576 80	3,847 57	88,649 00	13,279 36	20,908 17	122,836 53
Missaukee	3,285 18	27,866 58	350 77	1,344 33	36,270 79	2,237 88	71,355 53	2,152 48	16,961 50	90,469 51
Monroe	24,785 04	77,058 70	1,554 84	5,637 50	70,067 48	4,820 54	183,924 10	32,091 62	34,799 75	250,815 47
Montcalm	12,646 08	71,691 88	1,109 10	9,920 74	75,865 91	7,351 06	178,584 77	14,812 50	52,493 22	245,890 49
Montmorency	37 90	9,129 55	241 55	210 00	16,548 56	1,572 57	27,740 13	1,314 34	6,014 00	35,068 47
Muskegon	32,463 50	98,024 35	550 87	4,281 12	177,925 14	96,528 09	409,773 07	34,148 35	37,684 46	481,605 88
Newaygo	8,783 55	47,168 80	432 24	4,433 55	58,766 00	4,726 59	124,310 73	3,430 43	29,349 13	157,090 29
Oakland	65,316 99	101,937 81	3,161 73	13,180 06	234,694 38	9,585 62	427,876 59	201,003 54	91,786 77	720,666 90
Oceana	8,179 34	42,154 50	295 21	5,534 80	56,696 42	4,249 43	117,109 70	3,747 35	23,010 93	143,867 98
Ogemaw	522 08	24,554 80	322 59	1,009 33	25,930 65	4,555 44	56,894 89	6,015 64	11,909 82	74,820 35

Ontonagon	13,086 22	27,993 10	206 00	100 00	142,197 06	5,543 13	189,125 51	58,500 00	48,098 07	295,723 58
Osceola	7,786 46	44,852 95	380 17	4,011 81	43,456 13	3,704 85	104,192 37	3,395 48	21,350 18	128,938 03
Oscoda	819 98	4,514 85	78 62	34 78	10,068 83	103 74	15,620 80	119 71	4,297 53	20,038 04
Otsego	3,925 94	15,315 35	117 92	926 00	21,249 30	982 25	42,516 76	3,489 87	18,148 75	64,155 38
Ottawa	19,551 43	113,299 05	643 70	8,508 77	133,827 71	6,965 48	282,796 14	48,160 85	47,283 53	378,240 52
Presque Isle	3,656 65	27,121 75	195 28	467 80	34,906 60	962 89	67,310 97	11,953 91	23,482 67	102,747 55
Roscommon	596 99	5,724 34	7 68	290 70	12,438 46	1,723 72	20,781 89	710 75	6,453 28	27,945 92
Saginaw	15,469 70	214,061 63	1,256 27	11,652 53	295,972 40	28,196 55	566,609 08	18,538 67	105,685 36	690,833 11
St. Clair	37,200 94	125,152 55	1,431 27	6,150 60	113,724 66	5,414 35	289,074 37	11,260 05	26,192 24	326,526 66
St. Joseph	29,843 47	49,761 15	862 57	6,078 28	88,452 88	3,918 47	178,916 82	132,685 81	27,700 80	339,303 43
Sanilac	28,359 70	84,450 47	170 90	8,203 63	75,629 60	8,724 10	205,538 40	41,143 03	52,489 61	299,171 04
Schoolcraft	3,725 24	21,249 95	960 45	1,361 90	45,853 59	1,496 56	74,647 69	10,891 26	15,174 58	100,713 53
Shiawassee	34,372 12	69,329 34	1,193 82	6,935 87	93,108 70	5,070 40	210,010 25	34,864 59	48,932 49	293,807 33
Tuscola	16,158 74	81,380 85	553 51	8,278 18	77,166 65	3,856 39	187,394 32	13,915 85	36,181 25	237,491 42
Van Buren	29,038 33	72,691 08	1,126 05	14,762 00	106,332 31	21,469 38	245,419 15	20,752 19	60,876 69	327,048 03
Washtenaw	45,192 07	91,177 76	1,491 89	11,810 61	219,810 13	6,730 61	376,213 07	31,473 42	115,360 32	523,046 81
Wayne	101,219 71	1,250,830 61	22,044 47	9,929 54	3,204,977 43	1,245,285 79	5,834,287 55	1,271,476 97	657,496 63	7,763,261 15
Wexford	8,474 88	47,832 50	604 38	1,935 86	83,411 12	1,532 74	143,791 48	19,130 36	27,810 55	190,732 39

TABLE VII

Expenditures of school districts as reported by township clerks for the year ending July 10, 1916

Counties	Ordinary expenditures for maintaining the schools								Paid on indebtedness (principal)	Amount on hand July 10, 1916	Total expenditures including amount on hand and paid on indebtedness
	Paid men teachers	Paid women teachers	Paid for heating and care	Paid for books and care of library	Paid for tuition		Paid for general purposes	Total net expenses			
					General	Eighth grade					
Totals	$2,625,127 11	$10,076,952 93	$1,519,423 49	$292,385 63	$22,201 92	$305,306 79	$6,228,413 31	$24,069,830 32	$2,204,743 22	$4,779,811 91	$31,054,366 31
Alcona	85,744 50	$16,291 19	$2,421 84	$327 73	$94 40	$240 00	$12,165 50	$37,285 16	$3,785 24	$11,399 68	$52,470 08
Alger	13,734 31	33,282 42	77 604 25	341 64	285 00	180 00	43,720 00	169,147 62	36,000 00	3,329 77	208,477 39
Alpena	32,311 00	129,151 05	4,961 35	1,397 30	209 30	10,789 00	62,397 76	232,168 76	14,994 83	53,528 27	300,691 86
Antrim	11,714 25	52 160 74	3 568 54	800 71	199 00	255 00	30,438 84	99,137 08	12,462 73	15,686 44	127,286 25
Arenac	15,483 22	44,788 25	2,792 82	174 44	26 85	1,609 44	26,242 85	91,117 87	9,891 99	28,518 29	129,528 15
Baraga	8,397 00	27,716 65	11,463 30	206 30	160 00	1,228 00	22,592 98	71,794 23	5,436 50	12,440 74	89,671 47
Barry	8,975 00	27,612 50	7,176 84	481 91		105 00	28,158 12	70,509 37	13,700 00	13,030 61	97,239 98
Bay	21,271 30	72 760 53	2,433 04	893 48	216 00	5,545 24	37,119 35	140,241 94	8,250 61	107,097 93	255,590 48
Benzie	50,792 00	201,874 65	43,927 23	425 36		2,839 51	73,526 24	373,084 99	9,715 32	54,204 90	437,005 21
Berrien	9,140 63	34,211 13	50 00	239 81	50 00	1,255 11	20,468 10	65,414 78	5,499 54	14,332 72	85,247 04
Branch	50 784 21	168 590 37	113,253 67	1,621 15	647 98	6,807 13	98,739 58	440,444 09	51,360 21	88,003 38	579,807 68
Calhoun	26 862 20	74 076 45	506 36	722 68	141 55	4,208 57	37,942 72	144,220 53	7,293 83	43,149 11	194,663 47
Cass	50,760 65	223 280 67	42 712 70	6,766 98	584 38	6,949 81	127,943 72	464,944 31	22,637 71	57,707 30	545,289 32
Charlevoix	18,577 25	69 434 58	12,576 34	506 66	825 14	4,813 44	33,347 00	140,080 41	18,240 20	25,212 67	183,533 28
Cheboygan	18,794 75	65,564 19	2,298 05	2,493 10	20 67	1,258 97	42,378 87	133,208 60	22,413 00	16,395 21	172,016 81
Chippewa	11,927 00	52,306 75	2,484 88	1,986 66	16 00	1,506 00	40,036 76	110,264 05	20,060 00	35,042 37	165,366 42
Clare	27,973 00	91,750 25	105,272 11	1,341 47	112 40	1,291 20	55,581 42	285,301 85	29,789 66	71,037 08	386,128 59
Clinton	10,149 88	29,126 05	5,729 12	148 87	377 75	1,021 00	15,507 28	62,079 09	2,869 90	16,008 67	80,938 52
Crawford	18,759 50	76,672 10	12,967 21	608 59	451 97	5,239 10	36,221 74	150,120 21	4,829 67	46,404 87	202,154 75
Delta	2,290 00	15,744 07	54 534 35	71 95	130 27	210 00	21,656 27	94,636 91	4,085 88	7,634 17	106,356 96
Dickinson	23,905 52	96,825 76	8,270 80	2,604 14	847 97	952 70	53,131 29	186,538 18	23,763 95	27,060 95	237,363 08
Eaton	21,804 58	93,680 48	17,345 77	4,857 25	1,477 90	544 50	86,069 91	225,880 39	43,725 84	12,274 06	281,880 29
Emmet	22,843 50	109,421 15	937 29	733 83	15 70	6,507 40	51,436 82	191,915 69	35,256 40	27,229 93	254,402 02
Genesee	18 938 15	67,054 97	17,797 15	762 76	22 00	2,227 21	49,464 24	156,266 48	41,389 48	17,381 77	215,037 73
	39,887 50	210,371 64	114,442 76	9,563 92	822 68	6,616 14	144,791 62	526,496 26	39,242 35	133,484 50	699,223 11

Gladwin	8,882 00	26,490 00	1,618 16	198 40	22 00	1,896 67	16,592 87	55,700 10	6,074 01	19,566 50	81,340 61
Gogebic	35,058 30	125,793 91	35,733 21	2,183 62	.....	1,226 97	152,452 15	352,448 16	143,700 00	63,192 63	559,340 79
Grand Traverse	21,722 00	64,677 41	1,474 72	1,325 14	103 46	2,380 31	38,179 90	129,862 94	14,218 30	48,733 61	192,814 85
Gratiot	27,361 00	90,399 58	8,475 21	518 18	75 10	5,200 12	53,394 81	185,424 00	12,359 42	47,338 17	245,121 59
Hillsdale	35,513 65	88,415 94	2,295 55	699 02	517 50	8,875 55	50,740 29	187,057 50	47,448 79	30,563 51	265,069 80
Houghton	95,494 17	386,901 74	59,761 92	4,480 67	129 00	16,541 50	288,411 73	851,720 73	70,201 45	452,521 25	1,374,443 43
Huron	40,013 10	83,804 50	22,238 71	726 96	112 65	3,794 08	55,126 93	205,816 93	17,804 13	51,840 66	275,461 72
Ingham	38,944 70	182,643 93	53,961 21	8,838 24	1,575 18	6,431 92	92,570 14	384,965 32	14,068 00	179,817 98	578,851 30
Ionia	26,510 50	103,419 23	3,549 19	912 91	241 75	6,515 73	54,217 95	195,367 26	23,700 27	34,011 94	253,079 47
Iosco	9,529 20	24,693 25	1,945 26	104 15	72 00	389 75	15,570 28	52,303 89	3,415 05	17,572 59	73,291 53
Iron	32,547 13	98,369 61	20,265 36	3,375 74	72 00	87 00	95,807 28	250,524 12	113,324 70	42,054 70	405,903 52
Isabella	18,163 82	54,637 75	305 67	370 48	.....	3,067 00	27,727 13	104,271 85	4,981 38	45,353 58	154,606 81
Jackson	40,032 65	162,140 13	42,561 59	2,632 34	39 91	6,065 46	111,085 23	364,557 31	36,268 07	269,975 19	670,800 57
Kalamazoo	66,682 79	225,174 56	2,380 07	13,853 94	471 16	4,376 56	138,476 25	451,415 33	164,426 24	71,539 00	687,380 57
Kalkaska	6,245 08	23,520 38	2,227 54	540 97	49 00	1,140 67	13,380 86	47,104 50	6,054 34	16,317 07	69,475 91
Kent	130,057 98	660,032 69	268,981 36	77,900 11	478 18	10,070 43	359,227 35	1,506,748 10	77,274 32	167,943 66	1,751,966 08
Keweenaw	6,288 63	21,920 80	.....	635 13	.....	3,956 00	17,720 11	50,520 67	.....	28,062 73	78,583 40
Lake	4,702 50	17,205 82	2,356 57	104 25	52 50	587 00	10,234 94	35,243 58	2,834 00	10,703 65	48,781 23
Lapeer	19,002 61	79,497 20	6 00	824 33	166 23	6,983 76	33,655 50	140,135 63	24,529 80	28,763 33	193,428 76
Leelanau	8,738 00	29,413 25	6,500 00	264 96	56 00	1,647 50	14,455 43	60,073 14	3,539 70	18,666 14	82,280 98
Lenawee	36,985 50	149,923 49	5,008 21	3,032 08	704 41	7,879 09	82,423 50	286,856 28	41,939 51	66,095 91	394,891 70
Livingston	13,334 13	60,376 85	467 18	318 45	45 00	5,510 10	25,487 03	105,538 74	4,492 63	22,735 85	132,767 22
Luce	5,355 00	22,554 50	3,398 72	349 10	340 00	120 00	18,179 89	50,297 21	21,053 41	11,646 49	82,997 11
Mackinac	8,963 00	28,178 55	63 23	276 58	145 40	333 88	18,283 25	56,243 89	5,670 00	14,390 80	76,304 69
Macomb	28,848 96	88,958 73	2,913 25	3,879 75	48 77	3,070 81	47,314 53	175,034 80	19,953 87	67,658 92	262,647 59
Manistee	20,670 37	81,660 83	2,316 34	275 13	207 00	2,912 54	44,336 17	152,378 38	36,472 19	22,575 48	211,426 05
Marquette	59,605 51	189,711 06	48,964 92	2,115 32	175 86	410 00	143,812 05	444,794 72	44,692 38	112,925 45	602,412 55
Mason	21,889 43	57,891 13	212 00	182 82	256 00	2,214 84	37,482 78	120,129 00	24,235 57	18,726 71	163,091 28
Mecosta	10,164 25	59,138 41	3,044 05	506 26	633 05	2,100 27	29,512 34	105,098 63	2,409 57	37,191 32	144,699 52
Menominee	17,732 00	95,195 51	32,931 16	165 50	566 66	538 00	55,817 22	202,946 05	16,486 45	201,447 45	420,879 95
Midland	9,128 00	45,203 75	.....	335 87	1,254 00	2,356 20	24,961 56	83,239 38	10,944 37	28,652 78	122,836 53
Missaukee	11,344 72	35,055 26	2,500 49	263 58	146 00	1,375 00	21,208 87	71,893 92	3,017 18	15,558 41	90,469 51
Monroe	29,705 57	80,074 50	6,892 33	1,229 17	.....	5,096 94	46,956 42	169,954 93	40,009 92	40,850 62	250,815 47
Montcalm	27,602 13	85,212 99	19,869 21	674 14	385 15	6,820 79	49,237 38	189,792 79	10,922 65	45,175 05	245,890 49
Montmorency	3,965 00	13,075 00	.....	231 95	135 00	160 00	11,155 59	28,722 54	1,715 00	4,630 93	35,068 47
Muskegon	48,225 76	171,420 50	18,558 85	13,284 31	28 75	2,235 49	125,751 52	379,505 18	29,212 99	72,887 71	481,605 88
Newaygo	15,492 25	63,492 52	1,725 02	413 57	284 15	3,385 40	32,957 24	117,750 15	5,735 22	33,604 92	157,090 29
Oakland	43,307 22	195,777 72	82,132 40	4,726 34	436 57	8,463 45	131,610 13	466,453 83	112,853 07	141,360 00	720,666 90
Oceana	21,052 87	52,688 50	.....	157 95	7 00	4,533 00	32,309 61	110,748 93	9,674 20	23,444 85	143,867 98
Ogemaw	4,702 50	28,558 38	3,789 11	215 83	10 00	1,004 00	17,724 22	56,004 04	3,078 54	15,737 77	74,820 35
Ontonagon	15,887 50	59,706 61	55,478 46	618 60	314 22	.....	62,974 50	194,979 89	84,437 74	16,305 95	295,723 58
Osceola	11,577 50	56,085 97	112 80	421 80	211 20	3,521 50	26,875 12	98,805 89	6,923 85	23,208 29	128,938 03
Oscoda	3,787 50	7,834 00	....	97 99	88 00	30 00	4,743 64	16,581 13	106 25	3,350 66	20,038 04
Otsego	6,352 50	21,846 83	.....	316 11	91 00	732 75	15,359 43	44,698 62	715 00	18,741 76	64,155 38
Ottawa	35,357 50	137,780 26	4,466 15	896 67	508 01	5,509 29	117,418 82	301,936 70	17,598 53	58,705 29	378,240 52

TABLE VII—*Concluded*

Counties	Ordinary expenditures for maintaining the schools								Paid on indebtedness (principal)	Amount on hand July 10, 1916	Total expenditures including amount on hand and paid on indebtedness
	Paid men teachers	Paid women teachers	Paid for building and sites	Paid for books and care of library	Paid for tuition		Paid for general purposes	Total net expenses			
					General	Eighth grade					
Presque Isle	$10,034 00	$28,451 50	$4,026 09	$170 75	$67 50	$377 50	$25,989 40	$69,116 74	$10,883 66	$22,747 15	$102,747 55
Roscommon	2,925 00	10,157 00	813 83	9 90	141 00	155 00	6,353 56	20,555 29	1,564 61	5,826 02	27,945 92
Saginaw	68,744 20	252,297 41	30,163 09	8,671 21	787 75	7,034 90	165,979 01	533,677 57	10,010 00	147,145 54	690,833 11
St. Clair	31,202 30	151,542 20	3,218 58	8,314 63	91 50	5,515 09	72,143 75	272,028 05	19,151 71	35,346 90	326,526 66
St. Joseph	27,302 52	84,001 54	10,227 51	1,027 63	318 50	4,710 37	41,120 19	168,708 26	14,183 54	156,411 63	339,303 43
Sanilac	46,321 75	76,775 05	50,508 93	643 50	121 42	6,386 24	52,374 85	233,131 64	10,791 39	55,248 01	299,171 04
Schoolcraft	8,622 00	34,110 00	10,699 88	360 43	390 30	708 00	21,578 88	76,469 49	4,849 75	19,394 29	100,713 53
Shiawassee	25,646 25	102,083 23	40,227 29	1,081 98	202 25	4,999 19	64,287 95	238,528 14	14,736 85	40,542 34	293,807 33
Tuscola	26,580 00	93,343 57	2,752 68	507 64	50 00	5,572 31	51,060 21	179,866 41	17,703 62	39,921 39	237,491 42
Van Buren	35,395 91	103,111 38	45,075 74	997 34	262 21	9,212 94	72,078 76	266,134 28	27,988 48	32,925 27	327,048 03
Washtenaw	39,689 83	173,482 98	129,843 29	7,472 36	393 91	6,215 68	99,915 56	457,013 61	37,688 16	28,345 04	523,046 81
Wayne	560,742 05	2,378,053 49	2,691,170 23	66,736 52	147 35	16,737 86	1,400,582 94	7,114,170 44	184,963 28	464,127 43	7,763,261 15
Wexford	17,595 52	70,849 46	1,296 50	818 64	238 50	1,934 92	42,949 33	135,682 87	22,961 27	32,088 25	190,732 39

TABLE VIII

Miscellaneous statistics as reported by township clerks for the year ending July 10, 1916

Counties	Bonded indebtedness of the districts	Total indebtedness of the districts	Amount due the districts	Amount paid township chairmen and members of township boards of education	Amount paid officers of township boards of education
Totals	$11,380,264 40	$12,947,978 19	$142,850 96	$12,026 33	$68,591 87
Alcona	$18,818 95	$23,787 50	$22 00	$102 00	$157 00
Alger	37,400 00	52,546 22	1,633 43	668 20	1,662 00
Allegan	43,980 00	48,152 91	816 80	126 50	299 75
Alpena	1,100 00	3,902 69	100 74	465 60	740 85
Antrim	8,425 00	9,455 81	884 28	.....	15 00
Arenac	27,550 00	31,084 74	597 17	.....	13 50
Baraga	1,245 00	17,537 97	.....	172 00	900 00
Barry	80,064 00	80,867 24	202 61	21 25	339 48
Bay	130,866 66	136,423 91	1,017 15	98 00	152 00
Benzie	6,835 85	7,918 97	1,007 91	15 00	20 50
Berrien	328,250 00	346,406 70	791 76	40 00	749 00
Branch	1,500 00	3,045 00	10 95	.....	267 00
Calhoun	6,700 00	59,668 32	223 90	4 00	878 50
Cass	28,600 00	31,990 41	560 96	104 00	222 50
Charlevoix	51,152 50	58,825 52	412 29	4 50	145 50
Cheboygan	82,200 00	82,709 71	3,356 90	71 00	191 50
Chippewa	184,875 00	198,994 29	10,000 00	567 00	1,664 00
Clare	13,676 92	15,820 94	893 76	23 50	152 00
Clinton	32,075 00	39,454 25	244 75	.....	72 00
Crawford	51,500 00	51,588 95	1,249 80	.....	10 00
Delta	112,000 00	125,353 91	11,420 46	410 00	3,020 00
Dickinson	213,250 00	223,524 10	.....	332 00	2,395 00
Eaton	59,450 00	62,101 28	915 15	7 50	206 50
Emmet	158,925 75	173,914 75	1,664 81	6 00	98 50
Genesee	493,524 00	538,320 88	1,051 89	31 00	220 00
Gladwin	38,805 77	42,135 13	2,398 00	119 00	103 88
Gogebic	186,000 00	189,000 00	1,290 14	309 00	3,050 00
Grand Traverse	44,900 46	45,765 73	729 48	.....	33 50
Gratiot	95,024 96	96,410 54	714 78	196 25	265 55
Hillsdale	84,100 00	87,295 13	637 41	34 50	42 00
Houghton	450,400 00	463,788 05	15,271 70	385 00	1,922 00
Huron	66,947 80	84,254 02	212 64	16 50	29 00
Ingham	71,700 00	107,816 25	589 06	24 00	434 25
Ionia	40,500 00	46,666 12	516 44	4 50	185 82
Iosco	10,336 66	18,448 59	624 82	112 25	263 50
Iron	312,000 00	328,160 45	5,737 69	514 00	3,100 00
Isabella	18,400 00	19,073 12	1,066 61	11 00	325 50
Jackson	333,150 00	334,488 84	2,337 70	.....	55 60
Kalamazoo	500,975 00	508,469 33	907 64	101 50	1,846 50
Kalkaska	4,300 00	8,040 74	720 34	.....	36 75
Kent	1,291,400 00	1,295,162 30	509 42	26 50	93 50
Keweenaw	.....	.....	.....	153 00	680 00
Lake	17,425 00	18,276 20	1,868 38	16 50	25 50
Lapeer	16,712 00	25,249 07	292 32	.....	107 00
Leelanau	19,000 00	19,991 30	1,030 42	.....	58 70
Lenawee	76,250 00	132,733 95	346 78	282 00	417 26
Livingston	2,100 00	3,789 15	372 83	33 50	45 00
Luce	2,775 00	3,275 00	.....	226 00	725 00
Mackinac	14,200 00	18,245 32	2,199 73	449 35	2,182 00
Macomb	51,168 35	51,468 10	175 00	.....	483 00
Manistee	19,655 25	38,899 85	274 11	15 00	208 00
Marquette	145,016 67	151,808 15	4 19	578 00	4,803 00
Mason	25,675 00	32,460 79	342 77	59 00	419 00
Mecosta	12,230 00	12,659 48	360 81	66 00	400 50
Menominee	183,350 00	192,257 51	6,270 44	741 00	1,114 00

TABLE VIII—*Concluded*

Counties	Bonded indebtedness of the districts	Total indebtedness of the districts	Amount due the districts	Amount paid township chairmen and members of township boards of education	Amount paid officers of township boards of education
Midland	$42,240 00	$47,889 36	$1,137 52	$40 00	$168 50
Missaukee	8,700 00	10,341 18	1,795 64	43 54	24 45
Monroe	82,800 00	89,538 00	224 47	.....	113 00
Montcalm	96,050 00	102,811 44	1,278 99	24 00	226 50
Montmorency	11,900 00	15,675 46	466 99	392 11	566 15
Muskegon	370,900 00	400,717 26	3,868 81	387 00	356 00
Newaygo	16,700 00	17,953 27	999 31	18 00	49 50
Oakland	643,309 94	649,127 34	3,676 45	6 00	431 80
Oceana	21,803 82	24,306 31	975 55	15 00	58 00
Ogemaw	43,300 00	46,514 11	2,816 70	66 00	176 00
Ontonagon	117,500 00	149,500 00	.....	1,255 00	2,355 00
Osceola	1,000 00	3,725 68	828 02	22 50	69 00
Oscoda	.....	.....	1,069 03	182 00	450 00
Otsego	6,000 00	6,068 62	8 19	40 50	71 30
Ottawa	220,135 02	223,753 12	125 99	31 00	352 00
Presque Isle	54,200 00	63,372 80	161 08	285 00	273 25
Roscommon	5,100 00	5,819 94	.....	10 00	5 00
Saginaw	88,200 00	92,226 18	464 98	492 00	4,051 00
St. Clair	17,666 67	38,431 98	126 45	6 00	256 75
St. Joseph	144,150 00	147,690 16	276 34	257 50	346 00
Sanilac	107,075 00	114,650 13	455 03	53 78	232 28
Schoolcraft	5,000 00	7,748 79	264 63	213 50	1,920 00
Shiawassee	88,316 66	92,690 75	1,472 70	144 00	333 00
Tuscola	38,833 38	47,394 04	929 43	26 50	79 50
Van Buren	104,200 00	118,599 36	1,837 15	12 00	190 00
Washtenaw	332,740 92	342,453 05	72 28	20 00	2,020 00
Wayne	2 350,750 44	3,234,474 35	29,538 26	24 00	15,233 00
Wexford	53,230 00	55,020 03	1,099 85	217 00	137 50

TABLE IX

Cost per capita of public schools of the State for the year ending July 10, 1916

Counties	Number of pupils included on school census in—		Number of pupils enrolled in—		Cost per capita for instruction based on school census in—			Cost per capita for instruction based on enrollment in—			Total expense per capita during year based on enrollment in—		
	Graded school districts	Ungraded school districts	Graded school districts	Ungraded school districts	Graded school districts	Ungraded school districts	All school districts	Graded school districts	Ungraded school districts	All school districts	Graded school districts	Ungraded school districts	All school districts
Totals	561,356	305,214	410,169	210,692	$16 80	$10 70	$14 66	$23 00	$15 50	$20 46	$46 02	$24 65	$38 77
Alcona	169	1,820	169	1,361	$16 27	$10 60	$11 08	$16 27	$14 17	$14 40	$26 16	$24 15	$24 37
Alger	2,268	256	1,527	220	17 04	32 71	18 63	25 31	38 06	26 91	98 78	83 20	96 82
Allegan	4,250	7,774	3,511	5,350	17 62	9 97	12 68	21 33	14 49	17 20	30 95	23 09	26 20
Alpena	3,390	2,675	1,747	1,760	11 08	9 84	10 53	21 50	14 95	18 21	32 81	23 76	28 27
Antrim	1,707	2,542	1,641	1,917	18 33	11 41	14 18	19 07	15 12	16 94	29 78	22 04	25 61
Arenac	1,385	2,274	1,087	1,635	11 55	8 86	9 63	14 71	12 32	13 28	34 60	20 85	26 38
Baraga	2,218	449	1,531	316	13 77	13 47	13 73	19 95	19 15	19 81	36 23	47 62	38 18
Barry	1,935	4,138	1,763	2,879	20 59	13 09	15 48	22 60	18 82	20 26	35 42	27 02	30 21
Bay	14,713	7,229	8,041	3,875	13 55	7 37	11 06	24 80	13 75	21 20	34 79	24 08	31 31
Benzie	1,594	1,402	1,504	1,109	15 64	13 14	14 47	16 57	16 61	16 59	26 16	23 51	25 03
Berrien	9,305	6,511	7,549	4,583	16 58	10 00	13 87	20 44	14 20	18 68	43 97	23 68	36 30
Branch	2,270	4,048	2,050	2,847	22 74	12 18	15 97	25 18	17 31	20 60	36 70	24 41	29 45
Calhoun	10,575	4,768	8,691	3,346	20 50	13 25	18 25	24 95	18 88	23 26	42 63	28 24	38 63
Cass	2,144	3,209	1,993	2,351	20 61	13 66	16 44	22 17	18 64	20 26	38 07	27 31	32 15
Charlevoix	3,462	2,161	2,878	1,644	16 94	12 09	15 07	20 38	15 88	18 74	32 23	24 60	29 46
Cheboygan	2,430	2,942	1,583	2,120	12 32	12 34	11 96	18 91	16 18	17 35	33 78	26 79	21 68
Chippewa	5,886	2,396	4,166	1,719	15 61	12 45	14 69	22 05	17 35	20 68	57 29	27 14	48 48
Clare	901	2,050	727	1,511	17 98	11 26	13 31	22 28	15 27	17 55	30 85	26 23	27 73
Clinton	1,852	4,652	1,653	2,898	24 19	11 10	14 67	26 50	17 81	20 97	46 75	25 41	33 16
Crawford	893	423	757	345	12 75	15 72	13 70	15 04	19 27	16 36	112 06	28 42	85 88
Delta	6,189	3,832	4,052	2,743	13 13	10 30	12 05	20 06	14 39	17 77	30 30	23 24	27 45
Dickinson	6,187	926	5,175	681	16 19	16 63	16 25	19 36	22 61	19 74	36 89	51 37	38 57
Eaton	3,346	3,993	3,087	3,116	22 89	13 94	18 02	24 81	17 87	21 32	36 28	25 62	30 94
Emmet	3,210	2,468	2,258	1,618	18 29	11 06	15 15	26 00	16 87	22 19	50 34	26 33	40 32
Genesee	13,655	5,092	11,143	3,764	14 08	11 39	13 35	17 25	15 43	16 79	38 70	25 32	35 32
Gladwin	670	2,697	583	1,928	16 83	8 89	10 51	19 34	12 50	14 09	31 41	19 39	22 18
Gogebic	7,316	1,649	5,620	1,184	18 93	13 57	17 94	24 64	18 90	23 64	51 70	52 25	51 80
Grand Traverse	2,891	3,082	2,531	2,210	18 36	10 81	14 46	20 97	15 08	18 22	31 48	23 16	27 39
Gratiot	3,407	5,543	3,039	3,941	18 99	9 59	13 17	21 29	13 46	16 87	35 57	19 62	26 57
Hillsdale	3,020	4,751	2,756	3,574	22 08	12 05	15 95	24 19	16 02	19 58	36 21	24 70	29 55
Houghton	23,246	4,752	17,266	3,443	18 39	11 53	17 23	24 76	15 92	23 29	43 13	31 11	41 12
Huron	5,281	6,591	4,008	4,248	12 87	8 47	10 43	16 96	13 15	15 00	31 87	18 38	24 93
Ingham	10,391	4,163	8,782	2,744	16 60	11 79	15 23	19 64	17 88	19 23	35 08	28 02	33 40
Ionia	4,058	4,177	3,124	2,788	19 54	12 13	15 65	25 38	18 17	21 08	38 86	26 53	33 05
Iosco	1,546	1,304	1,188	927	14 48	9 08	12 01	18 84	12 77	16 18	28 80	19 51	24 73
Iron	6,123	342	5,247	307	20 27	19 88	20 25	23 65	22 15	23 57	44 14	61 69	45 11
Isabella	1,704	5,468	1,133	3,705	14 85	8 69	10 15	22 34	12 82	15 05	32 42	18 23	21 55
Jackson	10,047	4,651	7,112	3,318	14 19	12 80	13 75	20 05	17 95	19 38	38 57	27 21	34 95
Kalamazoo	11,321	3,856	7,737	2,695	21 53	12 48	19 23	31 50	17 86	27 98	48 86	27 22	43 27
Kalkaska	518	1,062	520	1,235	17 30	12 52	13 65	17 25	16 84	16 96	28 14	26 37	26 84
Kent	37,722	8,247	22,427	5,602	18 79	9 84	17 19	31 61	14 48	28 19	61 47	22 87	53 76
Keweenaw		2,241		1,718		12 59	12 59		16 12	16 42		29 41	29 41
Lake	452	1,218	354	892	13 62	12 93	13 12	17 39	17 66	17 58	29 02	27 99	28 29
Lapeer	2,381	4,474	2,166	3,334	21 54	10 55	14 37	23 68	14 16	17 91	32 33	21 03	25 48
Leelanau	605	2,875	520	1,862	15 39	9 68	10 68	17 91	14 95	15 70	29 80	23 91	25 22
Lenawee	5,655	6,358	4,519	4,541	18 71	12 76	15 56	23 41	17 87	20 63	37 99	25 36	31 66
Livingston	1,112	3,410	979	2,392	22 54	14 27	16 50	25 69	20 35	21 87	37 80	28 69	31 31
Luce	823	485	718	415	23 25	18 09	21 34	25 58	21 14	24 00	42 26	45 02	43 25
Mackinac	827	2,132	497	1,428	14 12	11 94	12 55	23 50	17 83	19 29	35 89	26 89	29 22
Macomb	4,985	4,721	3,488	2,805	14 38	9 77	12 14	20 55	16 45	18 72	31 94	22 69	27 81

TABLE IX—*Concluded*

Counties	Number of pupils included on school census in—		Number of pupils enrolled in—		Cost per capita for instruction based on school census in—			Cost per capita for instruction based on enrollment in—			Total expense per capita during year based on enrollment in—		
	Graded school districts	Ungraded school districts	Graded school districts	Ungraded school districts	Graded school districts	Ungraded school districts	All school districts	Graded school districts	Ungraded school districts	All school districts	Graded school districts	Ungraded school districts	All school districts
Manistee	4,591	3,389	2,700	2,350	$15 14	$9 68	$12 82	$25 75	$13 96	$20 26	$35 81	$23 70	$30 17
Marquette	12,745	2,319	8,395	1,765	16 73	15 57	16 55	25 40	20 45	24 54	44 97	38 09	43 78
Mason	3,278	3,361	2,241	2,518	14 57	9 53	12 02	21 31	12 72	16 76	31 29	19 86	25 24
Mecosta	2,052	3,799	1,654	2,766	15 77	9 73	11 84	19 56	13 00	15 68	30 09	20 00	23 78
Menominee	5,146	4,275	3,690	2,751	14 51	8 97	11 99	20 21	13 94	17 53	39 51	20 78	31 51
Midland	1,583	3,762	1,162	2,605	12 90	9 01	10 16	17 58	13 02	14 42	29 32	18 87	22 10
Missaukee	1,136	2,547	1,018	1,839	15 74	11 20	12 60	17 56	15 51	16 24	25 31	25 19	25 16
Monroe	3,233	6,764	2,038	4,127	14 43	9 33	10 98	22 89	15 30	17 81	37 18	22 82	27 57
Montcalm	3,313	5,796	2,899	4,125	17 62	9 39	12 39	20 14	13 20	16 06	36 61	20 28	27 02
Montmorency	745	519	662	328	13 99	12 75	13 48	15 75	20 17	17 21	28 68	29 69	29 01
Muskegon	9,958	3,679	7,151	2,495	18 38	9 96	16 11	25 59	14 69	22 77	45 31	22 24	39 34
Newaygo	1,559	4,449	1,408	3,325	18 43	11 29	13 15	20 41	15 11	16 69	30 16	22 64	24 88
Oakland	8,418	6,054	7,466	4,340	18 70	13 49	16 52	21 08	18 79	20 24	44 56	30 82	39 51
Oceana	1,576	3,789	1,325	2,578	21 89	10 36	13 74	26 03	15 22	18 89	37 75	23 54	26 07
Ogemaw	1,021	2,088	903	1,526	13 52	9 32	10 70	15 29	12 75	13 69	29 06	19 51	23 06
Ontonagon	2,974	1,086	2,532	885	19 42	16 44	18 62	22 80	20 18	22 12	56 52	58 60	57 06
Osceola	1,862	3,785	1,653	2,692	16 66	9 68	11 98	18 77	13 61	15 57	26 89	20 19	22 51
Oscoda	.....	710	.....	543	.....	16 37	16 37	.....	21 40	21 40	.....	30 54	30 54
Otsego	880	1,057	759	744	18 62	11 18	14 56	21 59	14 54	18 76	34 26	25 13	29 74
Ottawa	8,276	6,024	6,110	3,968	14 52	8 80	12 11	19 66	13 35	17 18	35 45	21 51	29 96
Presque Isle	1,912	2,363	1,236	1,249	10 71	7 62	9 00	16 57	14 42	15 49	35 33	20 22	27 81
Roscommon	120	633	96	466	26 04	15 73	17 37	32 55	21 37	23 28	47 25	34 38	36 58
Saginaw	18,290	9,993	9,904	5,971	13 08	8 18	11 35	24 16	13 70	20 22	41 79	20 06	33 62
St. Clair	9,789	6,369	5,756	4,367	11 41	11 16	11 31	19 40	16 27	18 05	29 97	22 79	26 87
St. Joseph	3,429	2,981	3,026	2,115	20 66	13 57	17 36	23 42	19 13	21 67	36 35	27 76	32 82
Sanilac	3,572	7,087	3,038	5,366	15 54	9 53	11 55	16 30	12 59	14 65	43 02	19 09	27 74
Schoolcraft	1,671	1,061	1,165	808	16 56	14 19	15 64	23 76	18 63	21 66	35 99	42 74	38 76
Shiawassee	4,802	4,326	4,107	3,099	16 96	10 24	14 21	19 83	14 94	17 73	37 70	27 01	33 10
Tuscola	3,393	7,429	2,879	5,226	16 83	8 45	11 08	19 84	12 02	14 80	29 36	18 24	22 19
Van Buren	4,137	5,162	3,788	3,616	20 46	10 44	14 89	22 34	14 90	18 71	47 72	23 60	35 94
Washtenaw	7,166	4,633	5,399	2,942	21 46	12 81	18 07	28 49	20 18	25 56	50 20	29 22	54 79
Wayne	173,397	10,500	124,247	6,345	16 46	8 03	15 98	22 97	13 29	22 50	55 83	28 02	54 61
Wexford	3,297	2,553	3,135	1,908	17 41	12 16	15 12	18 31	16 27	17 54	27 38	26 12	26 90

TABLE X

Statistics of township and district libraries as reported by township clerks for the year ending July 10, 1916

Counties	Number of townships not reporting libraries	Number of townships maintaining libraries	Number of volumes added to township libraries during year	Whole number of volumes in township libraries	Amount of taxes voted for township libraries	Amount of fines, etc., received from county treasurer, for township libraries	Amount paid for books and care of township libraries	Amount of township library money on hand, July 10, 1916	Number of districts maintaining libraries	Number of volumes added to district libraries during the year	Whole number of volumes in district libraries	Amount paid for the support of district libraries	Amount of fines, etc., received from county treasurer for district libraries
Totals	863	220	8,447	179,783	$18,023 60	$3,772 91	$10,826 08	$15,103 86	6,448	140,700	2,223,480	$292,385 63	$165,922 53
Alcona	7	2	.....	361	.....	$2 98	$12 00	$56 99	26	284	2,241	$327 73	$403 14
Alger	.....	.....	.....	.....	.....	.....	.....	.....	8	369	10,229	341 64	861 27
Allegan	17	6	475	7,341	$450 00	182 30	839 68	584 28	157	1,782	26,874	1,397 30	754 74
Alpena	2	.....	.....	.....	.....	.....	.....	.....	5	146	6,695	800 71	72 09
Antrim	5	9	34	4,451	150 00	60 70	386 75	893 09	43	403	9,643	,174 44	261 72
Arenac	11	.....	.....	.....	.....	.....	.....	.....	32	371	5,879	206 30	176 63
Baraga	.....	.....	.....	.....	.....	.....	.....	.....	5	282	2,343	481 91	593 72
Barry	14	2	.....	933	.....	4 77	27 78	19 81	132	1,255	20,207	893 48	609 60
Bay	8	5	1,001	13,034	.....	139 67	204 00	503 57	63	1,023	10,959	425 36	409 44
Benzie	7	5	76	2,654	25 00	42 61	153 55	222 36	38	462	9,470	239 81	151 59
Berrien	16	4	130	6,330	350 00	12 96	223 71	294 76	139	2,825	37,652	1,621 15	1,757 65
Branch	12	4	245	6,566	311 00	22 25	280 92	298 69	119	1,231	18,638	722 68	701 09
Calhoun	19	1	.....	10,001	.....	3 00	75 00	30 07	159	3,162	55,197	6,766 98	2,177 05
Cass	10	5	227	7,964	585 00	17 50	346 73	1,325 97	93	929	12,676	506 66	319 35
Charlevoix	9	5	100	1,571	20 00	8 22	68 96	46 03	56	622	18,812	2,493 10	441 60
Cheboygan	14	1	102	1,997	100 00	.....	103 85	258 57	54	959	15,898	1,986 66	382 18
Chippewa	3	.....	485	.....	.....	.....	.....	.....	27	1,115	9,071	1,341 47	836 77
Clare	14	2	.....	629	.....	.....	21 00	32 55	54	213	5,242	148 87	261 75
Clinton	15	1	.....	920	.....	.....	20 00	19	114	854	18,396	608 59	407 24
Crawford	1	5	47	1,974	.....	180 40	193 00	338 00	17	93	2,086	71 95	103 18
Delta	1	1	20	310	.....	12 48	12 48	.....	17	2,261	11,550	2,604 14	2,003 79
Dickinson	.....	.....	.....	.....	.....	.....	.....	.....	9	1,504	23,754	4,857 25	1,539 70
Eaton	12	4	283	5,267	100 00	62 57	542 41	232 17	131	1,179	23,985	754 83	445 33
Emmet	10	5	78	1,901	10 00	15 69	116 72	256 90	58	462	12,422	762 76	774 37
Genesee	17	1	82	1,433	.....	.....	70 00	3 40	150	3,978	42,279	9,563 92	3,165 83

TABLE X—*Concluded*

Counties	Number of townships not reporting libraries	Number of townships maintaining libraries	Number of volumes added to township libraries during year	Whole number of volumes in township libraries	Amount of taxes voted for township libraries	Amount of fines, etc., received from county treasurer, for township libraries	Amount paid for books and care of township libraries	Amount of township library money on hand, July 10, 1916	Number of districts maintaining libraries	Number of volumes added to district libraries during the year	Whole number of volumes in district libraries	Amount paid for the support of district libraries	Amount of fines, etc., received from county treasurer for district libraries
Gladwin	11	1				$5 57	$10 00	$15 68	56	498	5,429	$198 40	$345 78
Gogebic									6	2,890	11,772	2,183 62	453 07
Grand Traverse	6	7	97	2,692		123 22	174 61	288 75	65	1,887	10,663	1,325 14	903 57
Gratiot	15	2	77	1,992	$6,175 00				126	943	22,379	518 18	298 49
Hillsdale	18					29 54			155	1,173	22,021	699 02	462 20
Houghton	5	3	1,298	17,214	5,000 00	580 03	972 32	1,020 12	17	2,697	50,039	4,480 67	3,773 91
Huron	24	3	35	1,625		38 28	96 33	107 03	113	783	16,079	726 96	678 78
Ingham	16								133	3,217	52,163	8,838 24	2,444 80
Ionia	15	1			1,000 00	19 49	1,000 00		139	1,159	18,511	912 91	480 05
Iosco	5	4	84	1,890	50 00	5 46	110 35	66 49	20	406	4,872	104 15	60 66
Iron									7	1,661	13,549	3,375 74	1,397 52
Isabella	15	1		1,200					109	684	14,026	370 48	93 62
Jackson	19								143	3,117	50,190	2,632 34	3,236 71
Kalamazoo	14	1	73	1,288	50 00	7 81	101 85	43 03	117	2,865	67,168	13,853 94	1,920 97
Kalkaska	10	1		128			6 50		52	563	6,711	540 97	227 23
Kent	19	5	72	3,107	75 00	45 78	182 49	13 30	198	16,829	209,435	77,900 11	80,840 79
Keweenaw	1								5	273	6,413	635 13	515 40
Lake	8	6		1,492		196 61	118 00	270 03	33	116	3,421	104 25	132 02
Lapeer	17	1		300			25 00	29	132	943	22,658	824 33	300 03
Leelanau	7	4	177	1,724		13 79	68 00	145 91	45	1,125	7,596	264 96	108 14
Lenawee	22								185	2,307	42,169	3,032 08	1,380 63
Livingston	16								101	721	8,527	318 45	207 29
Luce									3	400	2,472	349 10	652 03
Mackinac									10	249	2,626	276 58	198 77
Macomb	12	3		587		9 38	25 00	177 53	97	1,520	29,133	3,879 75	706 32
Manistee	10	4		1,153		36 36	40 00	106 28	57	578	12,505	275 13	155 67
Marquette									20	1,797	51,386	2,115 32	1,433 37
Mason	7	7	130	2,910	217 60	63 65	114 71	373 44	51	574	11,384	182 82	230 74
Mecosta	13	2		349		13 55	16 00	22 79	92	879	13,698	506 26	765 95
Menominee	3	1					30 00	22 15	39	322	10,284	165 50	478 96

Midland	15	1	.....	6	.....	3 80	.....	81 60	79	2,549	7,491	335 87	86 39
Missaukee	9	6	.....	1,388	.....	145 87	41 00	287 63	45	538	4,883	263 58	350 77
Monroe	11	4	.....	1,428	.....	24 22	20 00	129 95	137	1,557	29,036	1,229 17	1,554 84
Montcalm	16	4	53	2,640	.....	51 72	145 00	79 71	116	1,111	20,092	674 14	1,109 13
Montmorency	.....	1	75	350	.....	46 50	40 72	6 99	5	130	984	231 95	241 55
Muskegon	8	9	34	4,810	100 00	50 46	239 26	478 70	85	2,864	65,908	13,284 31	550 87
Newaygo	21	3	20	360	.....	9 34	13 31	91 30	111	920	14,145	413 57	432 24
Oakland	20	5	994	8,432	1,250 00	563 28	979 92	580 20	175	3,914	34,549	4,726 34	3,161 73
Oceana	4	12	501	8,164	.....	185 13	362 37	426 19	77	1,029	11,924	157 95	295 21
Ogemaw	10	2	28	388	.....	89 75	10 00	97 30	39	397	4,997	215 83	372 59
Ontonagon	.....	.....	.....	.....	.....	.....	.....	.....	7	603	5,116	618 60	203 00
Osceola	13	3	150	1,473	.....	82 39	214 75	953 52	85	725	13,347	421 80	380 17
Oscoda	2	.....	.....	.....	.....	.....	.....	.....	5	149	796	97 99	78 62
Otsego	2	6	.....	5,138	100 00	51 63	303 90	422 69	20	333	3,575	316 11	117 92
Ottawa	9	7	.....	5,312	100 00	129 15	177 58	563 50	104	1,050	21,491	896 67	643 70
Presque Isle	9	.....	.....	.....	.....	.....	.....	.....	24	472	3,695	170 75	195 28
Roscommon	7	2	20	370	.....	.....	6 00	.....	14	59	1,013	9 90	7 68
Saginaw	21	6	65	5,937	25 00	82 25	243 10	497 66	130	3,331	51,878	8,671 21	1,256 27
St. Clair	23	.....	.....	.....	.....	.....	.....	.....	155	2,171	157,923	8,314 63	1,431 27
St. Joseph	13	3	306	8,814	1,260 00	22 27	672 30	1,023 12	111	1,821	20,569	1,027 63	862 57
Sanilac	20	6	.....	1,703	.....	12 60	34 00	138 61	118	1,730	14,834	643 50	170 90
Schoolcraft	.....	.....	.....	.....	.....	.....	.....	.....	9	42	4,521	360 43	960 45
Shiawassee	16	.....	.....	.....	.....	.....	.....	.....	122	1,479	21,793	1,081 98	1,193 82
Tuscola	18	5	35	1,401	.....	82 20	59 87	173 64	134	901	14,568	507 64	553 51
Van Buren	16	2	350	1,938	300 00	12 60	169 91	355 19	143	1,275	30,536	997 34	1,126 05
Washtenaw	19	1	58	1,057	150 00	.....	75 79	147 13	161	3,532	53,080	7,472 36	1,491 89
Wayne	20	1	.....	.....	.....	78 62	.....	317 87	142	24,213	390,053	66,736 52	22,044 47
Wexford	9	6	330	3,386	70 00	92 51	227 80	181 14	63	865	9,206	818 64	604 38

TABLE XI

Examination and certification of teachers as reported by county commissioners for the year ending June 30, 1916

Counties	Number of public examinations held	Number of applicants for regular certificates	Number of applicants for special certificates	Number of applicants receiving certificates					Number licensed without experience in teaching	Number licensed who had received state normal school instruction	Number licensed who had attended institutes during year	Number of teachers holding state certificates	Number teachers holding Michigan State Normal College certificates		Number teachers holding Central Normal School certificates	
				County first grade	Indorsed first grade	Second grade	Third grade	Special					Life	Limited	Life	Limited
Totals	171	5,953	385	32	18	1,449	2,096	342	978	2,103	2,989	1,336	1,934	300	427	289
Alcona	3	39	0	0	0	6	10	0	10	0	9	1	3	0	0	0
Alger	2	17	1	0	0	2	2	1	1	3	2	0	5	.....	2	.....
Allegan	2	121	7	0	0	29	27	7	18	.....	55	5	40	1	1	0
Alpena	2	84	6	0	0	8	18	6	13	9	43	0	0	1	0	0
Antrim	2	32	3	2	0	10	3	3	1	1	16	0	23	0	3	4
Arenac	2	27	0	0	0	11	4	0	1	10	14	2	10	.....	1	.....
Baraga	2	39	3	0	0	7	11	3	7	10	11	7	4	1	0	0
Barry	2	56	4	0	0	21	18	4	15	56	40	4	22	1	1	0
Bay	3	90	0	0	0	29	28	0	14	21	32	3	3	0	1	0
Benzie	2	21	4	0	0	6	7	4	0	3	7	10	11	0	7	7
Berrien	2	78	11	0	0	19	23	11	16	18	12	10	61	8	2	5
Branch	2	63	6	1	1	9	11	6	8	2	26	0	29	0	3	0
Calhoun	2	78	6	0	0	37	34	2	20	12	25	2	28	3	0	0
Cass	2	73	6	0	0	18	20	2	33	73	73	21	11	1	2	0
Charlevoix	3	39	3	0	0	8	16	3	0	6	24	3	36	0	25	11
Cheboygan	2	27	2	0	0	7	9	2	8	7	18	4	18	9	2	1
Chippewa	2	104	6	0	0	21	48	6	28	27	65	4	8	0	4	0
Clare	2	72	0	1	1	29	24	0	12	32	48	4	3	0	12	4
Clinton	2	51	2	0	0	15	17	2	4	14	20	0	26	4	12	18
Crawford	2	18	4	0	0	4	10	3	0	4	10	0	5	3	6	4
Delta	2	99	2	0	0	32	34	2	30	60	53	28	10	1	2	3
Dickinson	2	36	5	0	0	5	11	5	8	7	10	23	28	1	5	0
Eaton	2	69	2	0	0	4	32	2	5	32	30	107	43	11	5	0
Emmet	3	56	10	0	0	8	25	5	10	8	31	10	38	0	6	2
Genesee	2	97	5	0	0	16	38	5	13	22	30	14	22	8	2	8

Midland	15	1	.....	6	.....	3 80	.....	81 60	79	2,549	7,491	335 87	86 39
Missuakee	9	6	.....	1,388	.....	145 87	41 00	287 63	45	538	4,883	263 58	350 77
Monroe	11	4	.....	1,428	.....	24 22	20 00	129 95	137	1,557	29,036	1,229 17	1,554 84
Montcalm	16	4	53	2,640	.....	51 72	145 00	79 71	116	1,111	20,092	674 14	1,109 10
Montmorency	.....	1	75	350	.....	46 50	40 72	6 99	5	130	984	231 95	241 55
Muskegon	8	9	34	4,810	100 00	50 46	239 26	478 70	85	2,864	65,908	13,284 31	550 87
Newaygo	21	3	20	360	.....	9 34	13 31	91 30	111	920	14,145	413 57	432 24
Oakland	20	5	994	8,432	1,250 00	563 28	979 92	580 20	175	3,914	34,549	4,726 34	3,161 73
Oceana	4	12	501	8,164	.....	185 13	362 37	426 19	77	1,029	11,924	157 95	295 21
Ogemaw	10	2	28	388	.....	89 75	10 00	97 30	39	397	4,997	215 83	322 59
Ontonagon	.....	.....	.....	.....	.....	.....	.....	.....	7	603	5,116	618 60	203 00
Osceola	13	3	150	1,473	.....	82 39	214 75	953 52	85	725	13,347	421 80	380 17
Oscoda	2	.....	.....	.....	.....	.....	.....	.....	5	149	796	97 99	78 62
Otsego	2	6	.....	5,138	100 00	51 63	303 90	422 69	20	333	3,575	316 11	117 92
Ottawa	9	7	.....	5,312	100 00	129 15	177 58	563 50	104	1,050	21,491	896 67	643 70
Presque Isle	9	.....	.....	.....	.....	.....	.....	.....	24	472	3,695	170 75	195 28
Roscommon	7	2	20	370	.....	.....	6 00	.....	14	59	1,013	9 90	7 68
Saginaw	21	6	65	5,937	25 00	82 25	243 10	497 66	130	3,331	51,878	8,671 21	1,256 27
St. Clair	23	.....	.....	.....	.....	.....	.....	.....	155	2,171	157,923	8,314 63	1,431 27
St. Joseph	13	3	306	8,814	1,260 00	22 27	672 30	1,023 12	111	1,821	20,569	1,027 63	862 57
Sanilac	20	6	.....	1,703	.....	12 60	34 00	138 61	118	1,730	14,834	643 50	170 90
Schoolcraft	.....	.....	.....	.....	.....	.....	.....	.....	9	42	4,521	360 43	960 45
Shiawassee	16	.....	.....	.....	.....	.....	.....	.....	122	1,479	21,793	1,081 98	1,193 82
Tuscola	18	5	35	1,401	.....	82 20	59 87	173 64	134	901	14,568	507 64	553 51
Van Buren	16	2	350	1,938	300 00	12 60	169 91	355 19	143	1,275	30,536	997 34	1,126 05
Washtenaw	19	1	58	1,057	150 00	.....	75 79	147 13	161	3,532	53,080	7,472 36	1,491 89
Wayne	20	1	.....	.....	.....	78 62	.....	317 87	142	24,213	390,053	66,736 52	22,044 47
Wexford	9	6	330	3,386	70 00	92 51	227 80	181 14	63	865	9,206	818 64	604 38

TABLE XI—*Continued*

Counties	Number of public examinations held	Number of applicants for regular certificates	Number of applicants for special certificates	Number of applicants receiving certificates					Number licensed without experience in teaching	Number licensed who had received state normal school instruction	Number licensed who had attended institutes during year	Number of teachers holding state certificates	Number teachers holding Michigan State Normal College certificates		Number teachers holding Central Normal School certificates	
				County first grade	Indorsed first grade	Second grade	Third grade	Special					Life	Limited	Life	Limited
Presque Isle	2	47	7	0	0	10	17	7	5	5	17	0	12	1	6	10
Roscommon	2	17	4	0	0	9	7	4	7	3	0	1	1	0	0	0
Saginaw	2	82	7	0	3	11	36	5	16	6	70	59	19	5	9	16
St. Clair	2	99	8	0	0	19	47	8	16	21	40	0	28	17	3	0
St. Joseph	2	135	14	1	0	25	41	12	16	36	38	15	18	1	3	1
Sanilac	2	89	5	1	1	18	24	5	0	1	38	78	56	12	6	4
Schoolcraft	2	37	1	0	0	8	10	1	4	13	14	32	0	0	0	0
Shiawassee	2	61	6	0	0	31	19	4	3	40	50	3	19	6	3	1
Tuscola	2	88	7	6	1	10	15	4	0	20	35	12	47	12	4	4
Van Buren	2	78	4	0	0	14	29	4	15	47	47	0	27	0	2	0
Washtenaw	2	150	2	0	1	39	75	2	42	110	110	0	90	13	0	0
Wayne	2	163	23	6	3	61	54	23	44	130	130	70	254	28	31	7
Wexford	2	22	2	0	0	1	8	2	4	4	8	80	2	2	7	10

TABLE XI—*Continued*

Counties	Number teachers holding Northern Normal School certificates		Number teachers holding Western Normal School certificates		Number holding county normal training class certificates	Number holding county normal training class certificates		Number holding certificates issued by county boards of examiners				Number holding certificates granted by city boards of education	Whole number of legally qualified teachers, including city teachers, in the county	Number of certificates suspended	Number of certificates annulled	Number of certificates transferred	Number of districts engaging teachers by year	Number of new teachers added to teaching force during year
	Life	Limited	Life	Limited	Number holding county normal training class certificates	First renewal	Second renewal	First grade	Indorsed first grade	Second grade	Third grade							
Totals	608	113	460	267	2,700	735	96	94	90	4,604	2,620	3,164	22,579	2	6	240	6,594	2,446
Alcona	0	0	0	0	2	1	0	0	5	32	17	0	60	0	0	0	37	9
Alger	13	5	1	0	3	0	0	0	0	16	9	3	70	0	0	4	2	61
Allegan	0	0	53	55	99	26	11	8	0	119	31	2	409	0	0	2	178	40
Alpena	0	0	0	0	9	2	0	0	0	39	18	36	124	0	0	1	70	12
Antrim	1	1	3	5	29	8	0	2	0	59	14	0	157	0	0	3	67	20
Arenac	0	0	0	0	36	11	0	.....	.....	20	12	0	79	0	0	0	5	17
Baraga	12	7	1	0	0	0	0	0	0	18	20	0	70	0	0	1	5	4
Barry	0	0	12	14	67	30	1	2	2	70	20	0	261	0	0	1	138	45
Bay	0	0	1	0	5	0	0	0	3	102	29	15	377	0	0	5	71	14
Benzie	0	4	2	2	32	1	0	0	0	13	12	0	94	0	0	5	1	.....
Berrien	0	0	44	31	87	8	0	0	8	127	65	30	493	0	0	1	142	55
Branch	0	0	15	0	83	20	9	1	0	50	11	11	233	0	0	7	120	36
Calhoun	0	0	4	12	56	20	8	4	2	112	40	5	554	0	0	4	144	39
Cass	0	0	26	5	51	9	2	0	1	67	16	13	212	0	0	2	111	35
Charlevoix	1	1	0	0	35	14	1	1	3	67	41	1	234	0	0	2	52	45
Cheboygan	0	0	2	1	71	28	4	0	2	25	8	14	174	0	0	7	77	22
Chippewa	1	0	7	0	96	.....	0	.....	.....	.....	.....	0	192	0	0	6	97	35
Clare	0	0	1	0	0	0	0	1	1	69	49	0	142	0	0	0	54	18
Clinton	0	0	0	0	52	15	1	1	0	28	24	7	190	0	0	3	125	25
Crawford	0	0	1	0	1	4	0	0	2	20	20	0	59	0	0	4	23	5
Delta	47	2	1	0	0	0	0	1	0	70	35	15	247	0	0	1	75	24
Dickinson	41	6	10	0	0	0	0	0	0	16	6	35	179	0	0	4	7	15
Eaton	0	0	9	9	64	13	1	0	5	21	43	9	260	0	0	1	141	56
Emmet	0	0	1	0	15	1	0	.....	.....	40	37	.....	180	0	0	6	60	.....
Genesee	0	0	1	1	52	13	1	5	0	66	37	209	449	0	0	5	151	40

TABLE XI—*Concluded*

Counties	Number teachers holding Northern Normal School certificates		Number teachers holding Western Normal School certificates		Number holding county normal training class certificates	Number holding county normal training class certificates		Number holding certificates issued by county boards of examiners				Number holding certificates granted by city boards of education	Whole number of legally qualified teachers, including city teachers, in the county	Number of certificates suspended	Number of certificates annulled	Number of certificates transferred	Number of districts engaging teachers by year	Number of new teachers added to teaching force during year
	Life	Limited	Life	Limited		First renewal	Second renewal	First grade	Indorsed first grade	Second grade	Third grade							
Gladwin	0	0	2	0	2	0	0	1	1	47	32	0	97	0	0	0	0	13
Gogebic	36	1	10	0	0	1	1	0	0	12	21	76	235	0	0	1	7	90
Grand Traverse	3	0	2	0	73	0	0	0	1	37	4	0	197	0	0	2	67	20
Gratiot	0	0	6	0	54	20	1	.....	.....	70	50	3	304	0	0	3	9	50
Hillsdale	0	0	6	0	2	0	0	1	0	55	35	8	333	0	0	3	147	20
Houghton	133	41	10	1	0	0	0	8	2	210	112	5	727	0	0	1	21	10
Huron	0	0	0	0	6	4	2	6	5	75	29	0	215	0	0	2	0	40
Ingham	0	0	1	1	77	19	3	0	2	73	33	0	390	0	0	3	130	55
Ionia	0	0	3	2	71	35	4	1	3	95	37	66	377	0	0	4	141	50
Iosco	0	0	0	0	24	8	0	0	1	21	13	0	85	0	0	1	35	35
Iron	38	0	7	0	2	1	0	0	0	16	39	9	193	0	0	3	46	75
Isabella	0	0	2	0	1	0	0	4	3	38	29	2	174	0	0	3	64	35
Jackson	0	0	3	0	1	0	0	4	1	133	100	155	455	0	0	5	152	64
Kalamazoo	0	0	65	.....	0	0	0	0	0	42	31	0	450	0	0	3	125	60
Kalkaska	0	0	0	0	38	10	1	1	0	9	7	0	76	0	0	1	50	20
Kent	0	0	6	17	.....	4	2	0	4	269	136	0	1,181	0	0	1	182	60
Keweenaw	8	8	0	0	0	0	0	0	1	4	9	0	47	0	0	0	5	3
Lake	0	0	1	0	0	0	0	0	0	50	22	0	86	0	0	1	10	15
Lapeer	0	0	0	0	38	12	0	2	0	72	33	0	256	0	0	4	126	42
Leelanau	0	0	3	1	3	1	0	0	0	52	20	0	95	0	0	1	4	1
Lenawee	0	0	5	1	34	10	2	2	0	67	89	12	344	0	0	2	190	50
Livingston	0	0	0	0	5	1	0	0	0	66	66	0	180	0	0	7	.....	31
Luce	8	2	2	0	0	0	0	0	0	13	19	0	60	0	0	1	4	5
Mackinac	1	5	1	0	2	1	1	0	1	43	18	2	82	0	0	4	1	12
Macomb	0	0	3	1	28	14	2	0	0	32	22	5	220	0	0	4	113	52

Manistee	0	0	1	1	55	9	4	0	1	52	13	70	193	0	2	2	75	10
Marquette	210	0	1	0	0	0	0	.....	.....	20	12	49	345	0	0	4	21	.....
Mason	0	0	3	0	40	12	0	0	1	20	18	17	155	0	0	3	67	30
Mecosta	0	0	1	0	55	16	0	1	1	63	11	5	153	0	0	2	75	37
Menominee	10	5	2	0	62	21	3	0	0	32	12	70	202	0	0	0	43	15
Midland	0	0	6	0	48	25	2	1	1	21	20	4	167	0	0	1	81	20
Missaukee	0	0	1	0	25	5	0	1	0	38	8	0	111	0	0	3	66	18
Monroe	0	0	0	0	10	0	0	0	0	32	39	7	266	0	0	2	139	5
Montcalm	0	0	2	0	80	21	1	0	0	83	52	10	279	0	0	5	142	35
Montmorency	0	0	0	0	28	3	0	1	2	16	5	0	60	0	0	3	10	5
Muskegon	0	0	3	0	73	24	2	6	1	69	23	176	416	0	0	7	94	.....
Newaygo	0	0	2	2	92	25	2	0	2	82	32	0	226	0	1	6	128	43
Oakland	0	0	6	2	87	25	3	2	1	60	90	20	510	0	0	3	198	60
Oceana	0	0	6	8	32	10	1	1	0	21	23	0	246	0	1	8	92	52
Ogemaw	0	0	0	0	24	3	0	0	1	34	9	0	83	0	0	5	49	15
Ontonagon	19	21	1	0	0	0	0	0	0	32	18	0	166	0	0	5	118	20
Osceola	1	0	1	3	66	16	0	0	1	74	34	0	214	0	0	0	94	29
Oscoda	0	0	1	0	7	1	0	0	0	27	12	0	48	0	0	6	30	6
Otsego	0	0	0	0	8	0	5	5	4	18	8	0	65	0	0	2	33	10
Ottawa	0	0	9	21	65	8	1	2	4	85	39	13	375	0	0	1	127	19
Presque Isle	0	0	0	0	2	0	0	0	0	42	17	1	95	1	0	5	0	8
Roscommon	0	0	0	0	6	2	0	1	1	9	8	0	40	0	0	7	34	.....
Saginaw	0	0	2	0	90	28	7	7	4	133	35	.....	299	1	1	0	100	55
St. Clair	0	0	0	0	54	19	3	0	0	19	48	74	334	0	0	5	152	36
St. Joseph	0	0	15	10	1	0	0	2	0	94	79	24	275	0	0	2	122	67
Sanilac	1	0	3	4	79	49	0	3	3	85	38	0	343	0	0	0	150	50
Schoolcraft	23	4	0	0	0	0	0	1	0	20	11	6	71	0	0	1	8	.....
Shiawassee	0	0	1	1	36	15	0	0	0	97	60	15	288	0	0	2	100	60
Tuscola	0	0	0	0	74	15	1	.....	.....	120	71	0	335	0	0	3	127	1
Van Buren	0	0	50	51	36	3	2	0	0	57	26	4	288	0	0	2	150	30
Washtenaw	1	0	2	0	0	0	0	0	1	39	75	98	364	0	0	1	164	35
Wayne	0	0	6	1	4	1	0	3	2	128	54	1,500	3,027	0	0	6	148	75
Wexford	0	0	2	4	55	14	1	1	0	25	10	3	182	0	1	3	75	20

TABLE XI—*Concluded*

Counties	Number teachers holding Northern Normal School certificates		Number teachers holding Western Normal School certificates		Number holding county normal training class certificates	Number holding county normal training class certificates		Number holding certificates issued by county boards of examiners				Number holding certificates granted by city boards of education	Whole number of legally qualified teachers, including city teachers, in the county	Number of certificates suspended	Number of certificates annulled	Number of certificates transferred	Number of districts engaging teachers by year	Number of new teachers added to teaching force during year
	Life	Limited	Life	Limited		First renewal	Second renewal	First grade	Indorsed first grade	Second grade	Third grade							
Gladwin	0	0	2	0	2	0	0	1	1	47	32	0	97	0	0	0	0	13
Gogebic	36	1	10	0	0	1	1	0	0	12	21	76	235	0	0	1	7	90
Grand Traverse	3	0	2	0	73	0	0	0	1	37	4	0	197	0	0	2	67	20
Gratiot	0	0	6	0	54	20	1	.....	.....	70	50	3	304	0	0	3	9	50
Hillsdale	0	0	6	0	2	0	0	1	0	55	35	8	333	0	0	3	147	20
Houghton	133	41	10	1	0	0	0	8	2	210	112	5	727	0	0	1	21	10
Huron	0	0	0	0	6	4	2	6	5	75	29	0	215	0	0	2	0	40
Ingham	0	0	1	1	77	19	3	0	2	73	33	0	390	0	0	3	130	55
Ionia	0	0	3	2	71	35	4	1	3	95	37	66	377	0	0	4	141	50
Iosco	0	0	0	0	24	8	0	0	1	21	13	0	85	0	0	1	35	35
Iron	38	0	7	0	2	1	0	0	0	16	39	9	193	0	0	3	46	75
Isabella	0	0	2	0	1	0	0	4	3	38	29	2	174	0	0	3	64	35
Jackson	0	0	3	0	1	0	0	4	1	133	100	155	455	0	0	5	152	64
Kalamazoo	0	0	65	.....	0	0	0	0	0	42	31	0	450	0	0	3	125	60
Kalkaska	0	0	0	0	38	10	1	1	0	9	7	0	76	0	0	1	50	20
Kent	0	0	6	17	.....	4	2	0	4	269	136	0	1,181	0	0	1	182	60
Keweenaw	8	8	0	0	0	0	0	0	1	4	9	0	47	0	0	0	5	3
Lake	0	0	1	0	0	0	0	0	0	50	22	0	86	0	0	1	10	15
Lapeer	0	0	0	0	38	12	0	2	0	72	33	0	256	0	0	4	126	42
Leelanau	0	0	3	1	3	1	0	0	0	52	20	0	95	0	0	1	4	1
Lenawee	0	0	5	1	34	10	2	2	0	67	89	12	344	0	0	2	190	50
Livingston	0	0	0	0	5	1	0	0	0	66	66	0	180	0	0	7	.....	31
Luce	8	2	2	0	0	0	0	0	0	13	19	0	60	0	0	1	4	5
Mackinac	1	5	1	0	2	1	1	0	1	43	18	2	82	0	0	4	1	12
Macomb	0	0	3	1	28	14	2	0	0	32	22	5	220	0	0	4	113	52

Manistee	0	0	1	1	55	9	4	0	1	52	13	70	193	0	2	2	75	10
Marquette	210	0	1	0	0	0	0	.....	.....	20	12	49	345	0	0	4	21	.....
Mason	0	0	3	0	40	12	0	0	1	20	18	17	155	0	0	3	67	30
Mecosta	0	0	1	0	55	16	0	1	1	63	11	5	153	0	0	2	75	37
Menominee	10	5	2	0	62	21	3	0	0	32	12	70	202	0	0	0	43	15
Midland	0	0	6	0	48	25	2	1	1	21	20	4	167	0	0	1	81	20
Missaukee	0	0	1	0	25	5	0	1	0	38	8	0	111	0	0	3	66	18
Monroe	0	0	0	0	10	0	0	0	0	32	39	7	266	0	0	2	139	5
Montcalm	0	0	2	0	80	21	1	0	0	83	52	10	279	0	0	5	142	35
Montmorency	0	0	0	0	28	3	0	1	2	16	5	0	60	0	0	3	10	5
Muskegon	0	0	3	0	73	24	2	6	1	69	23	176	416	0	0	7	94	.....
Newaygo	0	0	2	2	92	25	2	0	2	82	32	0	226	0	1	6	128	43
Oakland	0	0	6	2	87	25	3	2	1	60	90	20	510	0	0	3	198	60
Oceana	0	0	6	8	32	10	1	1	0	21	23	0	246	0	1	8	92	52
Ogemaw	0	0	0	0	24	3	0	0	1	34	9	0	83	0	0	5	49	15
Ontonagon	19	21	1	0	0	0	0	0	0	32	18	0	166	0	0	5	118	20
Osceola	1	0	1	3	66	16	0	0	1	74	34	0	214	0	0	0	94	29
Oscoda	0	0	1	0	7	1	0	0	0	27	12	0	48	0	0	6	30	6
Otsego	0	0	0	0	8	0	5	5	4	18	8	0	65	0	0	2	33	10
Ottawa	0	0	9	21	65	8	1	2	4	85	39	13	375	0	0	1	127	19
Presque Isle	0	0	0	0	2	0	0	0	0	42	17	1	95	1	0	5	0	8
Roscommon	0	0	0	0	6	2	0	1	1	9	8	0	40	0	0	7	34	.....
Saginaw	0	0	2	0	90	28	7	7	4	133	35	.....	299	1	1	0	100	55
St. Clair	0	0	0	0	54	19	3	0	0	19	48	74	334	0	0	5	152	36
St. Joseph	0	0	15	10	1	0	0	2	0	94	79	24	275	0	0	2	122	67
Sanilac	1	0	3	4	79	49	0	3	3	85	38	0	343	0	0	0	150	50
Schoolcraft	23	4	0	0	0	0	0	1	0	20	11	6	71	0	0	1	8	.....
Shiawassee	0	0	1	1	36	15	0	0	0	97	60	15	288	0	0	2	100	60
Tuscola	0	0	0	0	74	15	1	.....	.....	120	71	0	335	0	0	3	127	1
Van Buren	0	0	50	51	36	3	2	0	0	57	26	4	288	0	0	2	150	30
Washtenaw	1	0	2	0	0	0	0	0	1	39	75	98	364	0	0	1	164	35
Wayne	0	0	6	1	4	1	0	3	2	128	54	1,500	3,027	0	0	6	148	75
Wexford	0	0	2	4	55	14	1	1	0	25	10	3	182	0	1	3	75	20

TABLE XII

Private and parochial schools for the year ending July 10, 1916

Counties	Number of private schools	Number of parochial schools	Number of teachers		Estimated number of pupils
			Men	Women	
Totals	54	387	317	1,414	72,982
Alcona					
Alger		1		8	350
Allegan		5	2	6	204
Alpena		6	3	25	1,127
Antrim		1		3	40
Arenac		4	3	1	114
Baraga		1		3	110
Barry		1	1	1	20
Bay	5	25	16	53	4,084
Benzie		1		1	7
Berrien		6	7	22	785
Branch		2	2	7	335
Calhoun	1	1		5	91
Cass					
Charlevoix	1	1	1	8	135
Cheboygan		4		11	431
Chippewa		1	2		16
Clare					
Clinton		4	1	10	490
Crawford					
Delta	1	3		27	1,109
Dickinson					
Eaton	1			1	15
Emmet	1	3		14	447
Genesee	1	3		13	870
Gladwin					
Gogebic		2		16	700
Grand Traverse		1		4	140
Gratiot					
Hillsdale					
Houghton		13	6	78	3,357
Huron		11	12	3	916
Ingham		5	3	19	771
Ionia		5	1	17	522
Iosco		2	2		50
Iron					
Isabella	2	3	1	13	475
Jackson	1	6	4	32	1,647
Kalamazoo		4	6	21	1,400
Kalkaska					
Kent		4	1	9	240
Keweenaw					
Lake					
Lapeer					
Leelanau		4	1	10	330
Lenawee		8	7	4	409
Livingston					
Luce					
Mackinac		1		3	100
Macomb		12	12	20	1,435
Manistee	1	7	6	16	1,039
Marquette	2	4		37	1,651
Mason		4	5	12	530
Mecosta	1	4	2	5	245
Menominee		4	2	17	500
Midland		2	1	1	61
Missaukee		1	1	1	80
Monroe	1	16	11	23	1,362
Montcalm		4	2	8	167
Montmorency		1	1		45
Muskegon	2	7	6	28	998
Newaygo	1			1	8
Oakland	1	4	6	13	540
Oceana		2	1	3	105
Ogemaw					
Ontonagon					
Osceola		1	1		25
Oscoda					
Otsego		1		4	118
Ottawa	3	7	4	22	874
Presque Isle	4	7	5	6	429
Roscommon					
Saginaw	6	34	26	64	3,765
St. Clair	4	9	4	27	1,270
St. Joseph		3	3		53
Sanilac		2	2		25
Schoolcraft	1	1		6	273
Shiawassee	2	2	2	4	260
Tuscola		9	7	4	385
Van Buren		2	2		30
Washtenaw	1	9	9	8	413
Wayne	10	84	114	631	34,219
Wexford		2		5	220

TABLE XIII

Miscellaneous statistics as reported by the county commissioners for the year ending June 30, 1916

Counties	Number of meetings of county teachers association	Number of teachers attending the same	Number of days devoted to meetings of county board	Amount allowed by board of supervisors for stationery, etc	Amount of compensation received by the board, other than commissioner	Salary of commissioner	Amount of institute fees collected	Number of districts visited by the commissioner during the year	Number of visits made by the commissioner and assistant visitor during the year	Number of districts in which the compulsory attendance law is enforced
Totals	133	15,685	849	$20,026 12	$25,097 75	$110,690 00	$12,507 77	7,448	15,403	7,605
Alcona	1	.....	13	$30 00	$104 00	$500 00	$28 00	37	41	37
Alger	0	.....	3	250 00	120 00	1,500 00	15 00	8	165	8
Allegan	1	300	3	607 23	394 53	2,000 00	208 00	178	265	178
Alpena	0	.....	11	135 19	223 00	1,000 00	57 00	69	77	70
Antrim	1	125	10	300 00	233 72	1,200 00	70 50	69	189	69
Arenac	2	78	13	100 00	104 00	1,000 00	49 50	43	102	43
Baraga	1	54	4	90 00	168 00	650 00	53 00	5	104	5
Barry	1	200	11	175 00	232 00	1,500 00	120 00	141	200	141
Bay	3	358	5	300 00	376 77	2,000 00	199 00	70	275	70
Benzie	4	135	3	400 00	196 15	750 00	76 00	50	93	51
Berrien	1	450	9	300 00	562 64	2,000 00	241 50	142	218	142
Branch	3	600	14	300 00	201 83	1,500 00	170 00	126	215	126
Calhoun	0	.....	12	272 43	272 00	2,000 00	256 00	164	306	164
Cass	1	200	4	350 00	500 00	1,200 00	135 00	111	160	111
Charlevoix	1	114	5	314 45	327 27	1,350 00	89 50	69	174	69
Cheboygan	1	136	17	640 00	272 78	1,200 00	72 50	77	106	77
Chippewa	0	.....	8	400 00	334 60	1,500 00	118 50	37	45	97
Clare	0	.....	11	200 00	200 00	1,100 00	78 00	71	98	71
Clinton	1	185	9	200 00	365 75	1,500 00	106 00	127	225	127
Crawford	1	52	12	50 00	150 00	300 00	15 50	23	26	23
Delta	0	.....	11	250 00	311 20	1,350 00	129 00	75	205	75
Dickinson	0	.....	8	300 00	52 00	1,350 00	95 00	7	200	7
Eaton	1	224	3	272 23	215 32	1,500 00	154 00	141	253	141
Emmet	1	180	4	95 00	271 83	1,200 00	95 00	72	140	72
Genesee	7	875	10	350 00	412 00	1,500 00	264 00	150	189	151
Gladwin	1	40	12	175 00	296 00	1,000 00	76 00	61	80	61
Gogebic	2	30	6	68 98	105 05	1,350 00	127 50	7	118	7
Grand Traverse	1	40	3	40 00	40 00	1,200 00	114 00	67	110	67
Gratiot	2	345	9	450 00	327 56	1,500 00	165 50	132	210	132
Hillsdale	2	238	7	280 55	308 00	1,500 00	212 50	161	260	163
Houghton	1	1,250	4	130 00	240 00	2,200 00	446 00	26	126	26
Huron	4	200	10	350 00	270 00	1,500 00	169 50	126	228	126
Ingham	1	350	8	200 00	199 00	2,000 00	232 50	132	325	136
Ionia	5	300	11	300 00	444 00	1,500 00	165 00	141	350	141
Iosco	1	60	10	100 00	190 51	1,000 00	26 00	35	198	35
Iron	1	175	10	100 00	249 99	1,900 00	123 00	46	300	46
Isabella	3	256	10	480 00	459 53	1,400 00	114 00	109	148	109
Jackson	0	.....	9	524 69	384 00	2,000 00	235 50	151	212	153
Kalamazoo	1	475	5	100 00	350 00	1,500 00	283 27	130	200	130
Kalkaska	7	60	3	200 00	125 00	1,000 00	52 00	50	196	51
Kent	4	2,000	52	700 00	900 00	2,000 00	635 00	184	312	205
Keweenaw	0	.....	2	40 00	50 82	400 00	27 50	5	47	5
Lake	0	.....	2	150 00	216 80	550 00	45 50	46	86	50
Lapeer	1	175	2	300 00	538 00	1,500 00	180 50	133	291	133
Leelanau	0	.....	4	150 00	230 60	750 00	56 50	59	93	59
Lenawee	2	350	4	239 00	392 00	2,000 00	248 00	194	280	194
Livingston	1	140	4	90 00	525 00	1,350 00	112 00	132	225	132
Luce	2	48	8	75 00	105 00	250 00	37 50	4	33	4
Mackinac	1	70	14	200 00	310 80	1,000 00	75 00	8	24	14
Macomb	1	175	56	140 00	253 06	1,600 00	70 00	97	162	113

TABLE XIII—*Concluded*

Counties	Number of meetings of county teachers' association	Number of teachers attending the same	Number of days devoted to meetings of county board	Amount allowed by board of supervisors for stationery, etc	Amount of compensation received by the board, other than commissioner	Salary of commissioner	Amount of institute fees collected	Number of districts visited by the commissioner during the year	Number of visits made by the commissioner and assistant visitor during the year	Number of districts in which the compulsory attendance law is enforced
Manistee	2	174	12	$200 00	$355 24	$1,000 00	$85 00	76	169	76
Marquette	0	.....	2	480 50	256 00	1,800 00	222 50	21	236	21
Mason	0	.....	10	200 00	254 32	1,200 00	77 00	67	100	67
Mecosta	3	118	5	150 00	297 85	1,350 00	131 50	102	176	102
Menominee	3	225	6	128 47	32 00	1,740 00	101 50	35	200	36
Midland	0	.....	12	366 43	397 50	1,300 00	90 50	81	117	83
Missaukee	2	104	6	200 00	302 01	1,100 00	41 50	67	140	67
Monroe	3	165	50	.....	407 00	1,500 00	151 50	139	242	139
Montcalm	1	160	10	185 00	530 96	1,500 00	129 50	142	155	142
Montmorency	0	.....	4	40 00	196 75	450 00	33 50	10	51	10
Muskegon	1	380	47	243 12	376 00	1,350 00	179 50	94	386	94
Newaygo	1	200	9.5	360 00	308 64	1,350 00	114 50	128	180	128
Oakland	1	500	14	545 00	510 00	2,000 00	309 00	198	390	203
Oceana	2	117	7.5	214 52	538 65	1,350 00	110 00	94	154	94
Ogemaw	0	.....	2	134 44	126 35	750 00	40 50	49	62	49
Ontonagon	2	66	3	35 66	126 00	1,200 00	71 50	118	205	118
Osceola	5	175	3	221 57	236 02	1,200 00	138 50	95	186	95
Oscoda	0	.....	3	25 00	90 00	500 00	.....	30	50	30
Otsego	1	60	3	58 00	189 00	500 00	.....	32	.....	34
Ottawa	8	180	4	125 75	576 68	1,500 00	189 00	127	230	127
Presque Isle	0	.....	18.7	128 72	307 27	750 00	67 00	35	85	35
Roscommon	0	.....	9	20 00	88 00	450 00	25 00	24	33	32
Saginaw	3	200	26	628 32	941 39	2,000 00	275 50	150	319	163
St. Clair	2	318	3	708 41	232 52	2,000 00	239 50	152	230	152
St. Joseph	0	.....	3	100 00	265 10	1,500 00	155 50	121	198	121
Sanilac	10	375	35	500 00	611 50	1,500 00	148 50	159	225	145
Schoolcraft	0	.....	11	131 75	192 00	1,250 00	43 50	8	142	8
Shiawassee	4	50	3	200 00	344 00	1,500 00	146 00	124	175	124
Tuscola	1	225	12	300 00	600 18	1,500 00	139 50	130	160	153
Van Buren	1	200	2	706 00	300 00	1,500 00	169 00	149	300	150
Washtenaw	1	350	3	No record	296 00	2,000 00	265 00	164	450	164
Wayne	1	300	18	300 00	325 00	2,500 00	1,601 00	148	800	145
Wexford	0	.....	14	124 71	375 72	1,000 00	91 00	81	172	81

TABLE XIV

Condition of schools and schoolhouses as reported by the county commissioners for the year ending June 30, 1916

Counties	Number of one room schoolhouses	Number of two or more room schoolhouses	Number of schools supplied with dictionaries	Number of schools supplied with maps	Number of schools supplied with globes	Number of schools properly heated and ventilated	Number of schools having uniform textb'ks in each branch	Number of standard schools	Number of pupils transported to other schools	Number of schools which report physiology taught	Number of schools that have adopted text-books in physiology	Number of schools in which communicable diseases are taught according to law	Number of townships organized as township districts	Number of districts furnishing free textbooks	Number of pupils in eighth grade exclusive of graded schools	Number of eighth grade diplomas granted
Totals...	7,024	743	7,630	7,492	7,457	3,815	6,840	285	979	6,455	7,476	7,650	168	1,284	18,493	13,442
Alcona	43	2	39	41	41	20	37	0	0	28	37	37	2	20	86	43
Alger	22	8	30	30	30	24	15	0	8	7	30	30	8	8	44	33
Allegan	158	36	178	170	170	100	178	35	0	153	178	178	1	8	537	459
Alpena	69	3	60	57	58	18	70	0	0	10	70	70	7	0	146	52
Antrim	62	2	74	74	74	24	0	1	0	61	69	69	1	9	200	50
Arenac	26	17	43	43	42	37	43	0	0	35	43	43	0	18	130	114
Baraga	29	0	36	36	36	30	36	3	40	5	5	5	5	5	27	44
Barry	130	6	140	137	133	52	135	4	0	123	141	141	0	3	300	145
Bay	42	33	71	70	68	35	70	1	0	57	70	70	1	35	325	215
Benzie	44	3	50	50	50	39	.....	0	0	47	.....	50	0	.....	101	50
Berrien	106	36	140	125	120	64	138	7	16	128	138	138	0	10	440	218
Branch	120	2	108	110	100	65	100	7	4	106	126	63	0	2	300	202
Calhoun	156	3	164	151	156	164	147	1	33	134	159	164	0	7	343	199
Cass	105	1	111	111	111	30	106	2	3	93	111	111	0	0	206	146
Charlevoix	60	6	65	54	61	42	68	4	2	63	68	69	0	13	122	114
Cheboygan	73	2	65	70	73	53	68	12	12	50	77	77	4	68	125	67
Chippewa	95	9	90	93	74	16	80	0	0	30	97	97	11	97	74	149
Clare	67	0	68	67	64	30	71	0	0	58	71	71	0	40	108	93
Clinton	120	7	127	127	118	50	127	0	18	114	127	127	0	3	250	217
Crawford	21	1	21	21	21	18	.....	0	16	21	.....	23	0	0	21	31
Delta	63	12	69	69	65	65	65	.....	30	19	75	75	11	4	135	100
Dickinson	18	10	28	28	28	26	28	2	20	8	7	7	7	7	83	75
Eaton	131	0	0	134	130	132	27	2	0	141	141	141	0	7	316	113
Emmet	65	8	72	72	72	29	72	.....	0	60	72	72	0	12	.....	.....
Genesee	142	0	131	91	134	60	140	5	20	138	150	150	0	0	428	236
Gladwin	59	2	59	59	60	20	40	0	0	53	61	61	3	9	140	99
Gogebic	13	16	29	29	29	29	29	0	30	9	29	29	7	5	50	47
Gd. Traverse	52	16	67	67	67	10	65	5	10	61	67	67	0	8	170	143
Gratiot	116	2	131	130	130	38	120	0	0	106	132	132	0	2	346	243
Hillsdale	145	4	157	155	150	9	155	0	25	137	163	163	0	1	300	245
Houghton	44	9	53	53	53	59	40	0	222	26	12	26	6	14	163	98
Huron	98	14	112	110	108	75	100	0	0	112	126	126	0	40	390	280
Ingham	125	1	136	130	129	23	136	5	90	129	136	136	0	0	212	146
Ionia	125	20	141	141	125	25	141	9	15	139	141	141	0	0	400	236
Iosco	27	8	34	32	32	17	35	1	0	34	35	35	1	25	75	93
Iron	32	21	46	45	45	36	45	9	65	6	46	46	6	7	75	128
Isabella	103	6	109	109	109	82	109	4	0	97	109	109	0	8	328	236
Jackson	137	3	141	145	135	36	152	2	0	138	153	153	0	0	317	223
Kalamazoo	112	9	100	95	98	90	102	1	20	97	130	130	1	4	310	201
Kalkaska	54	0	54	54	54	27	54	1	0	45	54	51	0	35	150	81
Kent	170	40	200	205	202	129	205	10	0	172	205	205	0	2	800	518
Keweenaw	11	0	11	11	11	11	11	0	114	4	5	5	5	0	51	47
Lake	57	5	50	50	50	42	40	0	0	41	25	50	0	10	83	64
Lapeer	121	1	127	110	122	58	121	0	3	117	15	133	0	0	306	191
Leelanau	53	9	59	59	57	30	59	0	0	59	59	59	0	13	134	152
Lenawee	186	7	175	152	165	90	180	1	0	166	180	180	0	0	504	262
Livingston	124	4	132	115	100	24	.....	0	0	133	130	132	0	1	250	187
Luce	14	3	18	18	18	14	4	.....	28	4	4	4	4	4	30	22
Mackinac	52	10	61	61	59	24	58	0	8	14	14	14	12	9	50	72
Macomb	97	8	113	113	113	65	.....	0	0	102	113	113	0	0	166	47

TABLE XIV—*Concluded*

Counties	Number of one room schoolhouses	Number of two or more room schoolhouses	Number of schools supplied with dictionaries	Number of schools supplied with maps	Number of schools supplied with globes	Number of schools properly heated and ventilated	Number of schools having uniform textbooks in each branch	Number of standard schools	Number of pupils transported to other schools	Number of schools which report physiology taught	Number of schools that have adopted textbooks in physiology	Number of schools in which communicable diseases are taught according to law	Number of townships organized as township districts	Number of districts furnishing free textbooks	Number of pupils in eighth grade exclusive of graded schools	Number of eighth grade diplomas granted
Manistee	61	15	76	75	76	47	0	3	0	74	76	76	0	39	204	159
Marquette	54	41	95	95	95	65	95	15	12	21	21	21	18	19	89	55
Mason	50	19	69	69	69	30	69	16	0	61	67	67	1	10	190	121
Mecosta	97	4	95	95	95	50	65	6	0	86	102	102	1	20	189	150
Menominee	80	10	90	90	90	53	90	4	75	36	90	90	7	36	200	151
Midland	72	9	78	75	62	35	83	1	2	74	83	83	0	16	203	134
Missaukee	58	9	67	67	65	21	67	2	0	60	67	67	0	64	201	129
Monroe	127	12	139	139	139	76	139	0	0	107	139	139	0	0	294	260
Montcalm	119	9	142	142	142	12	142	0	0	121	142	142	0	3	465	324
Montmorency	30	0	30	30	30	15	30	0	6	10	10	10	7	8	8	28
Muskegon	79	5	94	94	94	49	94	9	0	78	94	94	0	48	232	175
Newaygo	116	9	128	125	121	47	128	13	8	124	128	130	0	30	329	205
Oakland	181	14	196	191	193	85	180	14	0	170	198	198	0	0	360	316
Oceana	97	10	106	90	101	37	96	4	2	92	94	94	0	13	253	221
Ogemaw	50	2	50	39	44	26	40	0	0	43	49	49	2	15	108	61
Ontonagon	49	8	118	118	90	84	75	0	0	10	118	118	11	8	54	55
Osceola	87	3	94	93	95	47	95	0	1	88	95	95	0	33	251	191
Oscoda	29	1	30	30	28	7	15	0	6	6	30	30	3	29	50	25
Otsego	36	4	36	36	34	30	32	0	12	26	35	35	1	6	55	70
Ottawa	90	37	127	127	126	63	127	22	0	117	127	127	0	41	505	400
Presque Isle	49	0	47	45	44	3	33	0	0	33	32	35	5	29	83	59
Roscommon	29	1	28	23	23	20	29	0	0	23	29	29	0	20	40	42
Saginaw	159	18	163	150	159	120	155	7	0	146	163	163	0	90	575	418
St. Clair	140	12	152	152	152	65	152	1	0	153	152	152	0	36	379	299
St. Joseph	115	0	111	101	98	60	100	2	3	110	121	121	0	0	268	145
Sanilac	145	14	150	145	149	100	140	1	0	152	159	158	0	5	611	461
Schoolcraft	25	4	29	29	27	27	29	0	0	9	29	29	8	6	60	46
Shiawassee	111	3	120	115	115	10	100	3	0	121	124	122	0	1	254	264
Tuscola	131	9	153	153	153	75	100	5	0	135	153	153	0	0	398	308
Van Buren	132	7	150	150	150	.....	140	4	0	127	150	150	0	0	400	343
Washtenaw	156	8	164	153	143	48	164	5	0	145	164	164	0	1	265	247
Wayne	104	19	103	97	125	90	140	10	7	132	148	148	0	15	260	248
Wexford	72	2	96	80	80	32	74	4	0	75	81	81	1	70	134	97

TABLE XV

Showing the extent to which physiology was taught in the schools of the State during the year ending July 10, 1916, as compiled from the directors' reports

Counties	Number of districts in the county	Number of districts reporting physiology taught	Number of districts reporting physiology not taught	Number of districts not reporting	Counties	Number of districts in the county	Number of districts reporting physiology taught	Number of districts reporting physiology not taught	Number of districts not reporting
Totals	7,339	6,455	81	803	Kent	205	172	5	28
					Keweenaw	5	4	1	
					Lake	53	41		12
					Lapeer	134	117	1	16
Alcona	38	28	1	9	Leelanau	59	59		
Alger	8	7		1					
Allegan	178	153	3	22	Lenawee	195	166		29
Alpena	12	10		2	Livingston	133	133		
Antrim	70	61	2	7	Luce	4	4		
					Mackinac	14	14		
Arenac	43	35	1	7	Macomb	113	102	1	10
Baraga	5	5							
Barry	142	123	2	17	Manistee	76	74		2
Bay	73	57	1	15	Marquette	21	21		
Benzie	52	47		5	Mason	68	61		7
					Mecosta	105	86	2	17
Berrien	144	128	1	15	Menominee	44	36		8
Branch	127	106	1	20					
Calhoun	167	134	2	31	Midland	86	74	2	10
Cass	112	93		19	Missaukee	68	60		8
Charlevoix	69	63	1	5	Monroe	140	107	2	31
					Montcalm	142	121	3	18
Cheboygan	62	50		12	Montmorency	10	10		
Chippewa	32	30		2					
Clare	73	58	1	14	Muskegon	95	78		17
Clinton	129	114	1	14	Newaygo	131	124		7
Crawford	26	21	1	4	Oakland	202	170	3	29
					Oceana	94	92		2
Delta	21	19	1	1	Ogemaw	51	43	1	7
Dickinson	9	8		1					
Eaton	141	141			Ontonagon	11	10		1
Emmet	71	60		11	Osceola	97	88	1	8
Genesee	155	138	1	16	Oscoda	10	6		4
					Otsego	33	26		7
Gladwin	63	53	1	9	Ottawa	127	117		10
Gogebic	9	9							
Grand Traverse	70	61	2	7	Presque Isle	35	33		2
Gratiot	132	106	4	22	Roscommon	34	23	1	10
Hillsdale	163	137	4	22	Saginaw	166	146	2	18
					St. Clair	156	153	1	2
Houghton	27	26		1	St. Joseph	123	110	3	10
Huron	126	112	2	12					
Ingham	137	129		8	Sanilac	159	152	2	5
Ionia	141	139		2	Schoolcraft	9	9		
Iosco	36	34		2	Shiawassee	124	121	2	1
					Tuscola	153	135		18
Iron	7	6		1					
Isabella	109	97	2	10	Van Buren	150	127	2	21
Jackson	153	138	1	14	Washtenaw	165	145	1	19
Kalamazoo	124	97	1	26	Wayne	149	132		17
Kalkaska	52	45	7		Wexford	82	75	1	6

TABLE

Graded school statistics compiled from township clerks'

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Totals		561,356	410,169	120,598	88	$35,889,474	$12,133,072 60	1,787	10,971
Ada	Kent	116	103	180	90	$10,000	$7,000 00	1	3
Adams Tp	Houghton	2,721	2,186	200	93	229,000	20,000 00	4	57
Addison	Lenawee	170	148	176	96	14,000	3,000 00	2	4
Adrian	Lenawee	2,471	1,832	186	83	250,000	42,000 00	5	49
Akron	Tuscola	187	201	195	88	26,500	14,000 00	1	5
Alabaster	Iosco	152	118	197	93	4,000		1	2
Alanson	Emmet	204	179	180	90	12,000	1,600 00	1	6
Alba	Antrim	205	168	180	90	1,200		1	5
Albert Tp	Montmorency	125	111	180	75	6,400		1	5
Albion	Calhoun	1,775	1,479	183	91	125,000	28,500 00	4	37
Alden	Antrim	191	200	180	66	6,000		1	5
Algonac	St. Clair	497	393	176	82	25,000	6,200 00	1	16
Allegan	Allegan	1,001	917	186	87	100,000	5,000 00	4	32
Allendale Tp. 1	Ottawa	96	65	180	92	1,500		1	1
Alma	Gratiot	1,031	945	198	95	150,000	60,000 00	5	24
Almont	Lapeer	248	245	192	86	10,000	3,000 00	2	7
Alpena	Alpena	3,390	1,747	190	95	169,062		7	49
Ann Arbor	Washtenaw	3,882	2,930	186	82	525,000	190,000 00	14	90
Applegate	Sanilac	79	55	180	53	1,000			2
Arcadia	Manistee	228	168	174	94	8,000	2,500 00	1	6
Armada	Macomb	198	184	190	95	14,000		2	5
Arvon Tp	Baraga	108	85	168	67	12,000	2,792 97	1	4
Ashley	Gratiot	225	235	188	75	3,000		1	5
Athens	Calhoun	175	154	180	94	30,000	19,275 00	1	7
Attica	Lapeer	120	95	200	74	6,000	3,915 00	2	3
Auburn	Bay	294	158	177	85	7,000		1	4
Au Gres	Arenac	119	98	180	60	3,000	1,825 00	1	1
Augusta	Kalamazoo	141	133	179	95	5,000		2	6
Au Sable	Iosco	71	51	200	80	2,500		1	1
Bad Axe	Huron	628	563	192	90	60,000		2	16
Bainbridge Tp. 5	Berrien	90	82	160	94	3,300	700 00	1	1
Bainbridge Tp. 7	Berrien	88	62	170	93	2,500		1	1
Baldwin	Lake	139	121	180	81	12,000	7,000 00	1	3
Bancroft	Shiawassee	143	108	200	93	10,000	1,300 00	1	4
Bangor	Van Buren	377	362	190	86	25,000		5	9
Bannister	Gratiot	118	100	180	89	3,000		1	2
Baraga	Baraga	1,409	908	200	91	77,600	24,500 00	6	20
Baroda	Berrien	191	178	180	84	6,500		2	3
Barryton	Mecosta	162	140	190	93	10,000		1	5
Bates Tp	Iron	254	219	199	90	20,000		2	7
Bath	Clinton	90	71	177	90	7,500		1	3
Battle Creek	Calhoun	7,129	5,766	184	96	1,067,050		21	168
Bay City	Bay	13,400	7,236	183	97	1,200,000	107,000 00	32	206
Bay Port	Huron	163	116	180	81	8,000	4,000 00		3
Bear Lake	Manistee	160	140	183	90	7,500		2	5
Beaverton	Gladwin	240	185	180	87	16,500	5,780 00	2	5
Belding	Ionia	838	728	197	89	52,000	23,500 00	4	25
Bellaire	Antrim	260	269	177	98	25,000	4,400 00	3	6
Bellevillo	Wayne	163	149	200	87	12,000		1	7
Bellevue	Eaton	260	218	195	95	2,000		2	9
Benton Harbor	Berrien	2,450	2,207	193	96	300,000	96,500 00	8	63
Benzonia	Benzie	302	296	178	82	2,265	5,000 85	1	8
Bergland	Ontonagon	125	119	180	94	38,200	6,000 00	1	4
Berlamont	Van Buren	90	65	180	91	1,800		1	2
Berlin	Ottawa	166	120	175	88	12,000	5,310 02	1	5

XVI

reports for the year ending July 10, 1916

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
16,987	105,032	$2,075,613 86	$7,360,131 24	$122 19	$70 07	$9,435,745 10	$18,875,183 46	20,109	$398,926 62
9	27	$720 00	$1,305 00	$80 00	$48 33	$2,025 00	$6,322 11	18	$280 00
40	568.7	6,200 00	34,967 50	155 00	61 48	41,167 50	71,519 07	51	1,170 00
18	36	1,485 00	2,415 00	82 50	67 08	3,900 00	5,182 17	89	1,003 94
45	465	9,196 00	35,116 92	191 58	75 52	44,312 92	75,618 37	163	4,102 42
10	50	900 00	2,450 00	90 00	49 00	3,350 00	6,060 98	37	635 49
10	19.7	900 00	890 00	90 00	45 17	1,790 00	2,385 93	5	.....
9	39	900 00	1,780 00	100 00	45 64	2,680 00	4,162 83	6	113 83
9	44	855 00	2,223 00	95 00	50 52	3,078 00	7,797 64	6	.....
9	42	675 00	1,680 00	75 00	40 00	2,355 00	3,484 61	3	10 00
39	351.5	5,350 00	21,489 87	140 71	61 13	26,839 87	41,145 47	68	1,321 00
9	45	720 00	2,164 00	80 00	48 08	2,884 00	4,859 89	3	.....
9	99	1,300 05	5,342 53	143 34	53 96	6,642 58	10,479 13	9	230 00
38	304	4,150 00	18,437 74	109 21	60 65	22,587 74	33,713 27	132	3,683 96
9	9	720 00	360 00	80 00	40 00	1,080 00	1,679 51	13	167 91
50	240	5,850 00	14,895 01	117 00	60 40	20,745 01	35,976 91	91	2,341 00
20	60	1,650 00	3,365 00	82 50	56 08	5,015 00	6,686 62	34	858 00
70	490	8,829 25	28,732 92	126 13	58 63	37,562 17	57,314 99	24	272 62
133	836	20,125 00	68,118 05	151 32	81 48	88,243 05	152,954 09	147	5,099 25
1	18	.....	900 00	.....	50 00	900 00	1,164 46	.....	.....
9	54	900 00	2,835 00	100 00	52 50	3,735 00	5,374 51	16	240 06
19	47.5	1,800 00	2,541 25	94 74	53 50	4,341 25	5,940 15	50	751 87
9	36	675 00	1,800 00	75 00	50 00	2,475 00	6,202 23	.....	.....
9.5	47.5	850 00	2,227 00	89 47	46 88	3,077 00	4,291 60	13	189 00
9	63	1,249 92	3,492 58	138 88	55 43	4,742 50	7,627 36	39	668 64
10	20	680 00	920 00	68 00	46 00	1,600 00	3,307 38	6	157 00
9	36	900 00	2,070 00	100 00	57 50	2,970 00	4,264 77	5	94 41
9	9	630 00	360 00	70 00	40 00	990 00	2,801 45	7	9 75
18	54	1,425 00	2,547 00	79 16	47 16	3,972 00	5,269 24	28	392 00
10	10	600 00	500 00	60 00	50 00	1,100 00	1,396 81	1	.....
20	160	2,350 00	8,633 50	117 50	53 95	10,983 50	18,065 92	88	1,843 32
8	8	600 00	440 00	75 00	55 00	1,040 00	1,553 01	3	1 60
9	8	616 25	425 00	68 47	53 12	1,041 25	1,650 24	.....	.....
9	27	750 00	1,215 00	83 33	45 00	1,965 00	3,049 81	1	20 00
10	40	1,000 00	2,090 00	100 00	52 25	3,090 00	6,982 69	27	367 50
42.7	76	3,652 50	4,132 50	85 32	54 38	7,785 00	9,492 22	97	2,277 09
9	18	765 00	900 00	85 00	50 00	1,665 00	2,606 93	12	16 65
60	200	4,900 00	10,300 00	81 67	51 50	15,200 00	29,189 64	.....	.....
17	25	1,267 50	1,411 00	74 56	56 44	2,678 50	3,582 42	11	144 00
9.5	45	831 25	2,285 00	87 50	50 77	3,116 25	3,890 01	12	302 25
19	70	1,679 13	3,675 00	88 37	52 50	5,354 13	10,830 03	8	.....
9	18	720 00	909 00	80 00	50 50	1,629 00	2,502 69	10	185 94
192	1,541	26,526 65	122,775 84	138 16	79 67	149,302 49	269,026 24	250	4,940 84
320	2,050	38,910 00	147,447 25	121 59	71 43	186,357 25	260,012 36	150	2,867 36
.....	27	.....	1,620 00	.....	60 00	1,620 00	2,628 42	.....	.....
19	38	1,570 00	2,042 50	82 63	53 75	3,612 50	4,902 19	63	1,079 70
18	45	1,327 50	2,182 50	73 75	48 50	3,510 00	6,049 25	32	436 00
40	250	4,204 00	13,013 75	103 75	51 69	17,217 75	25,432 66	64	1,719 55
18	54	1,985 25	2,908 50	110 29	53 86	4,893 75	6,473 00	28	216 00
10	50	900 00	2,367 50	90 00	45 35	3,267 50	4,924 45	47	750 12
20	90	2,050 00	5,050 00	102 50	56 11	7,100 00	9,468 59	51	545 75
80	630	10,477 50	37,224 49	130 97	59 08	47,701 99	69,773 88	111	3,590 00
9	71	1,000 00	3,327 50	111 11	46 87	4,327 50	8,0.5 37	19	482 71
9	36	900 00	2,160 00	100 00	60 00	3,060 00	13,307 60	.....	.....
5	13	300 00	670 00	60 00	51 54	970 00	1,489 17	1	5 25
9	45.5	850 00	2,321 50	94 44	51 02	3,171 50	5,113 27	53	887 00

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Berlin Tp. 3 fr	Ionia	58	36	180	91	$1,680			2
Berrien Springs	Berrien	267	175	180	80	25,000	$17,500 00	1	7
Bessemer	Gogebic	1,654	1,487	200	94	198,000	30,000 00	6	41
Big Rapids	Mecosta	1,206	948	190	8	110,000		4	27
Birmingham	Oakland	677	520	200	94	125,000	32,669 94	2	17
Blanchard	Isabella	134	107	180	95	8,000		2	2
Blissfield Tp. 1 fr	Lenawee	185	146	200	91	10,000	500 00	1	2
Blissfield Tp. 2 fr	Lenawee	327	276	181	95	35,000	4,000 00	2	11
Bloomingdale	Van Buren	168	163	180	83	25,000	17,600 00	2	7
Boardman	Kalkaska	134	134	177	86	5,000		1	3
Boyne City	Charlevoix	1,518	1,408	189	81	112,785	28,000 00	4	39
Boyne Falls	Charlevoix	160	115	180	81	5,500		1	2
Breckenridge	Gratiot	206	176	190	98	13,000	7,684 00	1	5
Breedsville	Van Buren	100	87	180	88	9,000	500 00	1	2
Breen	Dickinson	302	248	188	93	20,000	13,000 00	1	7
Bridgehampton Tp. 1	Sanilac	64	40	180	90	1,000			1
Bridgehampton Tp. 2	Sanilac	55	48	198	64	2,000		1	
Bridgehampton Tp. 4 fr	Sanilac	109	38	180	70	4,000		1	1
Bridgehampton Tp. 5 fr	Sanilac	48	37	180	74	1,000		1	
Bridgeman	Berrien	159	76	160	81	1,500			2
Bridgeport	Saginaw	118	105	180	61	4,000			2
Brighton	Livingston	168	163	198	88	19,000		1	6
Briley	Montmorency	289	282	180	56	7,000		1	7
Britton	Lenawee	126	111	180	96	12,500	5,900 00	2	5
Bronson	Branch	280	206	190	92	22,000		2	7
Brookfield Tp. 4	Huron	224	233	194	88	30,000	20,200 00	2	4
Brooklyn	Jackson	164	158	184	92	5,000		1	6
Brown City	Sanilac	276	187	200	88	52,000	42,429 18	2	7
Buchanan	Berrien	556	478	190	95	50,000	5,465 33	1	16
Buckley	Wexford	217	223	178	88	900		1	7
Burden	Sanilac	113	87	180	89	2,000	125 00	1	2
Burlington	Calhoun	83	66	180	54	4,000		1	2
Burlington Tp. 3	Lapeer	108	101	192	92	9,000	8,000 00	1	3
Burnips Corners	Allegan	103	77	173	98	3,000		1	2
Burr Oak	St. Joseph	175	198	187	86	32,000	1,000 00	2	6
Burt Tp	Alger	236	210	192	94	12,000	2,500 00	2	6
Byron	Shiawassee	106	83	193	89	8,000		1	5
Cadillac	Wexford	2,209	2,185	190	97	300,000	50,000 00	7	57
Cady	Macomb	132	70	180	63				2
Caledonia	Kent	151	126	193	92	10,000		1	4
Caledonia Tp. 3	Kent	61	41	175	90	2,000	50 00	2	1
Calumet	Houghton	7,490	6,037	197	87	130,000	80,000 00	23	199
Calumet Tp. 2	Houghton	1,915	1,642	200	84	80,000			50
Camden	Hillsdale	104	101	171	91	1,500	1,400 00	2	4
Cannon Tp. 2 fr	Kent	85	34	185	85	2,000		1	1
Capac	St. Clair	212	192	195	95	15,000		2	6
Carleton	Monroe	149	128	191	80	8,000		1	4
Caro	Tuscola	694	713	200	95	30 000		3	19
Carrollton Tp. 1	Saginaw	396	249	200	90	10,000		1	5
Carrollton Tp. 2	Saginaw	369	220	184	73	5,000		1	4
Carson City	Montcalm	237	156	190	92	40,000	16,000 00	2	8
Carsonville	Sanilac	147	133	200	83	4,000		2	3
Caseville	Huron	203	162	194	82	5,000	297 35	1	4
Casnovia	Muskegon	125	106	177	91	5,000	500 00	1	6
Cass City	Tuscola	382	315	195	92	20,000		2	11
Cassopolis	Cass	339	292	190	73	20,000	8,000 00	1	11
Cedar Springs	Kent	271	231	185	90	34,000	2,500 00	1	11
Central Lake	Antrim	231	206	179	94	20,000	500 00	1	7
Centerville	St. Joseph	145	130	190	98	15,000		1	7
Ceresco	Calhoun	71	58	180	92	2,000			2

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
.....	18	.....	$810 00	.....	$45 00	$810 00	$1,091 68	.....	.....
9	63	$1,100 00	3,020 00	$122 22	47 93	4,120 00	8,576 13	71	$1,121 04
60	410	7,083 30	27,894 91	118 05	68 03	34,978 21	51,031 32	30	400 00
40	270	4,430 00	15,666 66	110 75	58 02	20,096 66	31,897 47	91	1,683 50
20	166.5	2,200 00	9,914 38	110 00	59 55	12,114 38	31,506 18	81	1,569 94
18	18	1,260 00	990 00	70 00	55 00	2,250 00	3,060 21	18	340 20
10	20	600 00	1,050 00	60 00	52 50	1,650 00	2,620 91	.....	.....
20	90	1,900 00	5,090 62	95 00	56 34	6,990 62	11,520 30	80	2,169 00
18	47	1,350 00	2,693 31	75 00	57 30	4,043 31	25,466 06	50	961 00
9	27	765 00	1,347 50	85 00	49 88	2,112 50	2,793 80	5	37 75
38	360.5	5,000 00	22,410 29	131 58	62 16	27,410 29	43,830 45	26	441 87
9	18	720 00	945 00	80 00	52 50	1,665 00	2,679 25	2	8 00
10	50	900 00	2,650 00	90 00	53 00	3,550 00	11,731 57	.....	277 00
9	18	540 00	922 50	60 00	51 25	1,462 50	2,132 44	1	13 50
10	67	900 00	3,830 00	90 00	57 16	4,730 00	14,561 77	2	.....
.....	9	.....	540 00	.....	60 00	540 00	803 69	.....	.....
10	.....	800 00	.....	80 00	.....	800 00	930 22	.....	.....
9	9	630 00	270 00	70 00	30 00	900 00	1,335 50	3	.....
9	.....	540 00	.....	60 00	.....	540 00	633 05	3	.....
.....	16	.....	1,040 00	.....	65 00	1,040 00	1,545 95	.....	.....
.....	18	.....	945 00	.....	52 50	945 00	2,479 28	.....	.....
10	61.5	1,000 00	3,082 75	100 00	50 12	4,082 75	5,398 43	49	761 53
9	63	585 00	2,835 00	65 00	45 00	3,420 00	5,100 25	1	.....
18	27	1,340 00	1,345 00	74 44	49 81	2,685 00	9,192 59	51	835 30
19	67	1,770 00	3,815 00	93 16	56 94	5,585 00	7,132 63	28	498 49
20	40	1,475 00	2,150 00	73 75	53 75	3,625 00	6,938 82	20	296 00
9.5	57	1,050 00	2,970 00	110 52	52 10	4,020 00	5,181 56	58	1,383 74
20	70	1,750 00	3,840 00	87 50	54 85	5,590 00	57,452 93	47	817 50
9	139	1,500 00	7,477 50	164 44	53 07	8,977 50	13,835 06	49	718 52
9	63	720 00	2,925 00	80 00	46 43	3,645 00	5,487 66	18	55 77
9	17	702 00	555 00	78 00	32 65	1,257 00	1,548 59	10	.....
9	18	720 00	810 00	80 00	45 00	1,530 00	2,278 44	6	70 00
10	30	850 00	1,425 00	85 00	47 50	2,275 00	3,262 54	15	290 25
9	13	630 00	774 00	70 00	43 00	1,404 00	1,875 52	17	372 54
18.5	55.5	1,500 04	2,922 50	81 08	52 65	4,422 54	7,516 41	32	463 50
20	60	1,900 00	3,427 00	95 00	57 11	5,327 00	10,869 62	.....	.....
10	48.5	900 00	2,277 50	90 00	46 94	3,177 50	4,192 55	54	795 33
66.5	541.5	7,934 27	32,965 96	119 31	60 88	40,900 23	60,818 41	50	405 00
.....	18	.....	1,012 50	.....	56 25	1,012 50	1,370 69	3	.....
10	40	1,000 00	2,150 00	100 00	53 75	3,150 00	3,970 48	26	453 00
9	9	742 50	450 00	82 50	50 00	1,192 50	1,478 33	8	105 60
227.7	1,892	32,147 70	135,059 07	141 18	71 38	167,206 77	237,351 63	270	17,683 00
.....	490.5	.....	32,760 76	.....	66 79	32,760 76	83,456 31	.....	.....
18	36	1,530 00	1,755 00	85 00	48 75	3,285 00	4,958 59	52	881 80
9	9	595 00	416 25	65 00	46 25	1,011 25	1,261 61	.....	.....
20	60	1,500 00	3,150 00	75 00	52 50	4,650 00	6,110 90	47	787 58
10	40	725 00	2,125 00	72 50	53 12	2,850 00	3,959 19	24	504 00
30	190	3,400 00	9,875 00	113 33	51 97	13,275 00	19,182 39	71	1,845 00
10	50	1,050 00	3,000 00	105 00	60 00	4,050 00	6,648 77	1	6 75
10	40	900 00	2,165 00	90 00	54 12	3,065 00	4,986 46	3	18 00
19	66.5	1,950 00	3,497 50	102 63	52 59	5,447 50	24,378 96	75	1,267 45
16	24	1,224 00	1,230 00	76 50	51 28	2,454 00	3,511 09	9	180 00
10	30	950 00	1,500 00	95 00	50 00	2,450 00	4,196 92	4	52 00
9	35.7	1,000 00	1,851 00	111 11	51 85	2,851 00	3,826 59	27	240 69
20	110	2,050 00	5,900 00	102 50	53 64	7,950 00	12,326 82	48	1,178 88
9.5	104.5	1,740 00	4,675 00	183 15	44 74	6,415 00	21,115 87	74	1,280 02
9.5	85.5	1,400 00	5,490 63	147 36	64 21	6,890 63	10,359 97	54	1,181 25
9	63	1,000 00	3,668 00	111 11	58 22	4,668 00	6,173 98	55	686 33
9 5	65 7	950 00	3,522 75	110 00	53 61	4,472 75	5,639 95	27	472 32
.. ..	18	.....	990 00	.....	55 00	990 00	1,487 98	.....	.....

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Champion Tp	Marquette	324	254	196	95	$15,000		2	9
Chandler Tp. 5 fr	Huron	139	71	200	79	1,600		1	1
Charlevoix	Charlevoix	738	495	180	82	100,000	$13,000 00	5	16
Charlotte	Eaton	1,054	1,038	192	90	101,026	31,500 00	4	29
Charlton Tp	Otsego	133	117	180	86	6,500		1	4
Chase	Lake	93	68	180	74	3,000	240 00	1	1
Chassell Tp	Houghton	671	516	196	90	22,000	8,600 00	3	14
Cheboygan	Cheboygan	2,096	1,255	196	94	163,100	78,000 00	5	31
Chelsea	Washtenaw	498	374	200	95	50,000	24,993 19	2	13
Chesaning	Saginaw	425	320	196	96	17,000	39,000 00	2	8
Chief	Manistee	108	78	160	59	2,600			2
Chickaming Tp. 3	Berrien	104	81	169	79	1,600		1	1
Clare	Clare	414	328	200	92	30,000	500 00	1	13
Clarkston	Oakland	128	116	200	93	1,400	6,000 00	1	4
Clarksville	Ionia	114	115	178	93	4,500		2	3
Clayton	Lenawee	94	82	180	65	15,000	2,525 00	2	2
Climax	Kalamazoo	134	111	180	91	6,500		1	4
Clinton	Lenawee	187	158	186	96	20,000	1,900 00	1	7
Clio	Genesee	280	226	200	92	10,000		1	8
Coldwater	Branch	1,264	1,162	190	96	100,000		5	40
Coleman	Midland	367	350	200	96	18,000		1	7
Coloma	Berrien	215	209	180	94	15,000		1	7
Colon	St. Joseph	254	232	178	97	30,300	250 00	2	8
Columbiaville	Lapeer	107	100	200	80	1,500		1	3
Comstock	Kalamazoo	246	203	177	94	15,000	2,100 00	1	8
Concord	Jackson	120	103	184	92	9,000		1	5
Conklin	Ottawa	129	114	175	93	2,700	750 00	1	2
Constantine	St. Joseph	236	233	184	97	25,000	1,400 00	3	7
Coopersville	Ottawa	233	212	190	85	19,500	11,000 00	2	8
Copemish	Manistee	147	116	180	94	10,000		1	3
Coral	Montcalm	109	99	178	88	8,000		1	3
Corunna	Shiawassee	433	417	190	96	40,000	11,500 00	2	13
Covert	Van Buren	153	126	180	89	3,500			6
Croswell	Sanilac	442	461	200	98	45,000	26,000 00	4	9
Crystal	Montcalm	106	113	180	89	6,000	700 00	1	3
Crystal Falls	Iron	2,069	1,721	200	93	321,000	190,000 00	7	51
Cumming Tp. 3	Ogemaw	108	69	176	71	3,000		1	1
Custer	Mason	94	86	180	90	2,500		1	3
Dansville	Ingham	99	92	196	64	3,000	750 00	1	4
Davison	Genesee	178	155	200	78	10,000	1,050 00	1	7
Dearborn	Wayne	487	379	200	90	30,000		2	10
Decatur	Van Buren	399	387	184	95	25,000	7,000 00	1	15
Deckerville	Sanilac	241	204	197	91	25,000	16,000 00	1	7
Deerfield	Lenawee	167	109	180	95	15,000		1	4
Detour	Chippewa	328	268	173	84	25,000	20,500 00	3	7
Detroit	Wayne	148,058	107,068	191	93	13,689,760	866,012 32	293	2,103
DeWitt	Clinton	124	105	190	64	6,000		1	4
Dexter	Washtenaw	163	156	190	92	20,000		1	7
Dimondale	Eaton	89	86	185	98	1,000		1	3
Dorr	Allegan	118	89	180	78	6,500	1,500 00	1	1
Douglass	Allegan	153	123	176	84	8,000	200 00	1	4
Dowagiac	Cass	1,361	1,272	187	95	175,000	10,500 00	4	40
Dryden	Lapeer	143	115	200	90	15,000		1	5
Dundee	Monroe	267	221	177	98	35,000		1	8
Dwight Tp. 1	Huron	119	85	200	57	1,200		1	1
Durand	Shiawassee	734	699	198	96	45,000	14,000 00	2	15
East Grand Rapids	Kent	259	201	200	90	6,000			8
East Jordan	Charlevoix	873	713	189	96	41,000	13,200 00	4	18
East Lake	Manistee	417	309	196	88	10,000		1	7
East Lansing	Ingham	269	257	176	95	2,800	36,115 33	1	6

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
20	89	$2,350 00	$5,740 75	$117 50	$64 50	$8,090 75	$13,499 44	.....	.....
9	10	675 00	550 00	75 00	55 00	1,225 00	1,857 18	.....	.....
45	144	4,710 00	10,314 21	104 66	71 62	15,024 21	25,082 64	35	$474 00
40	290	4,550 00	17,610 70	113 75	60 72	22,160 70	31,130 09	122	3,650 89
9	34	675 00	1,390 00	75 00	40 88	2,065 00	2,866 95	9	135 00
9	9	585 00	450 00	65 00	45 00	1,035 00	1,584 37	2	.....
14.5	137	1,513 75	7,106 00	104 39	51 87	8,619 75	14,811 81	.....	.....
40	310	5,323 00	17,379 00	133 07	56 06	22,702 00	42,311 17	50	1,333 50
20	130	1,900 00	6,800 00	95 00	52 31	8,700 00	13,571 49	54	1,172 50
20	80	2,182 50	4,831 60	109 12	60 39	7,014 10	11,430 48	38	1,364 37
.....	16	.....	800 00	.....	50 00	800 00	1,329 29	2	.....
8	9	400 00	450 00	50 00	50 00	850 00	1,103 76	1	.....
10	130	1,100 00	7,025 00	110 00	54 00	8,125 00	10,884 99	23	470 87
10	40	1,000 00	2,000 00	100 00	50 00	3,000 00	4,119 72	27	567 50
18	27	1,350 00	1,440 00	75 00	53 33	2,790 00	3,947 94	34	413 15
18	18	1,260 00	990 00	70 00	55 00	2,250 00	3,649 99	20	389 35
9	36	850 00	1,890 00	94 44	52 50	2,740 00	3,715 91	24	513 64
9.5	66.5	1,100 00	3,355 00	115 79	50 45	4,455 00	6,529 18	45	747 40
10	80	1,150 00	4,485 00	115 00	56 06	5,635 00	8,029 64	64	1,101 00
47.5	381.7	5,975 00	22,276 25	125 79	58 36	28,251 25	43,726 45	66	1,945 01
10	70	900 00	3,743 25	90 00	53 47	4,643 25	5,917 16	27	524 00
9	63	1,000 00	3,500 00	111 11	55 56	4,500 00	7,441 00	42	344 75
16.6	72	1,650 00	3,982 50	99 39	55 31	5,632 50	7,845 69	41	1,042 04
10	30	900 00	1,600 00	90 00	53 33	2,500 00	3,822 07	25	161 00
9	72	900 00	3,712 50	100 00	51 56	4,612 50	9,024 22	9	160 00
9.5	38	950 00	2,275 00	100 00	52 29	3,225 00	4,366 14	24	286 50
9	18	630 00	990 00	70 00	35 00	1,620 00	2,177 24	9	169 00
28.5	65.5	3,125 00	4,250 00	109 65	64 88	7,375 00	10,447 80	37	686 08
19	76	1,375 00	3,935 25	72 37	51 78	5,310 25	8,478 18	92	1,930 46
9	20	720 00	1,000 00	80 00	50 00	1,720 00	2,361 07	4	27 00
9	27	800 00	1,170 00	88 89	43 33	1,970 00	2,608 82	16	290 00
20	130	1,750 00	6,110 00	87 50	47 00	7,860 00	10,999 95	58	937 00
.....	45	.....	2,385 00	.....	53 00	2,385 00	3,460 11	9	174 86
40	90	3,454 00	5,000 00	86 35	55 56	8,454 00	15,313 74	78	2,114 00
9	27	720 00	1,215 00	80 00	45 00	1,935 00	2,877 79	43	872 00
70	510	9,309 00	30,685 82	132 94	60 16	39,994 82	78,189 32	5	129 38
9	9	450 00	405 00	50 00	45 00	855 00	1,058 49	.....	.....
9	18	675 00	900 00	75 00	50 00	1,575 00	2,258 15	4	52 00
10	40	850 00	1,875 00	85 00	46 87	2,725 00	3,850 59	17	190 00
10	70	1,200 00	3,575 00	120 00	51 07	4,775 00	6,640 08	42	609 10
20	100	1,900 00	5,395 00	95 00	53 95	7,295 00	9,138 64	28	597 50
9.5	124.5	1,200 00	6,271 31	126 31	50 37	7,471 31	10,377 90	71	1,000 10
10	70	1,200 00	3,975 00	120 00	56 78	5,175 00	7,998 55	88	1,483 40
9	36	765 00	1,755 00	85 00	48 75	2,520 00	3,536 90	31	398 00
30	66	1,850 00	3,530 00	61 66	53 48	5,380 00	9,165 32	4	80 00
2,930	21,030	480,085 80	2,046,819 71	163 85	97 33	2,526,905 51	5,848,194 91	403	.....
9.5	28.5	712 50	1,377 50	75 00	48 33	2,090 00	2,810 76	14	166 60
9.5	66.5	900 00	3,602 00	94 74	54 17	4,502 00	6,055 16	42	994 75
9.5	28.5	850 00	1,567 50	89 47	55 00	2,417 50	3,246 68	22	484 52
9	9	675 00	495 00	75 00	55 00	1,170 00	1,551 65	4	70 50
9	36	765 00	1,980 00	85 00	55 00	2,745 00	4,111 72	3	96 00
38	380	5,092 50	22,257 12	134 01	58 57	27,349 62	38,794 02	86	2,555 70
10	47	1,050 00	2,190 00	105 00	46 59	3,240 00	4,057 21	29	457 50
9	72	1,200 00	4,140 00	133 33	57 50	5,340 00	9,346 26	39	868 50
10	10	800 00	400 00	80 00	40 00	1,200 00	1,422 31	1	.....
20	150	2,650 00	8,280 00	132 50	55 20	10,930 00	16,462 10	47	812 00
.....	80	.....	3,650 00	.....	45 63	3,650 00	6,439 73	.....	.....
36	171	3,472 50	9,570 44	96 46	55 96	13,042 94	19,388 77	32	484 00
10	70	1,400 00	3,849 45	140 00	54 95	5,249 45	6,607 86	.....	.....
9	54	1,300 00	3,270 25	144 44	60 56	4,570 25	8,308 89	22	1,024 60

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
East Tawas	Iosco	425	343	195	98	$28,000	$14,496 80	1	9
Eaton Rapids	Eaton	478	444	180	96	50,000		3	15
Eau Claire	Berrien	162	153	180	81	6,000		1	4
Ecorse Tp. 1	Wayne	815	495	195	88	52,000	34,000 00	1	16
Ecorse Tp. 3	Wayne	602	445	192	87	30,000	23,500 00	1	14
Ecorse Tp. 12	Wayne	383	270	192	84	69,000	66,000 00	1	6
Edenville	Midland	77	49	180	86	2,000			2
Edmore	Montcalm	324	305	186	93	9,000		2	5
Edwardsburg	Cass	109	85	175	92	3,500		1	3
Elk Rapids	Antrim	269	257	190	80	30,000		2	10
Elkton	Huron	254	241	200	84	15,000		1	7
Elk Tp. 3 fr	Sanilac	137	127	180	90	4,500		1	2
Elk Tp. 4 fr	Sanilac	88	73	180	78	2,500		1	1
Elm Hall	Gratiot	86	58	175	80	3,000		1	1
Elmira	Otsego	129	99	180	75	10,000		1	2
Elm River Tp	Houghton	302	319	190	88	16,000		2	10
Elsie	Clinton	194	201	186	97	25,000	1,000 00	1	7
Empire	Leelanau	174	176	177	96	6,500	149 83		6
Escanaba	Delta	4,013	2,580	200	97	303,408	86,000 00	7	75
Essexville	Bay	456	145	200	85	10,000		1	4
Estey	Gladwin	83	70	180	58	3,200	3,000 00	2	1
Evart	Osceola	395	361	185	91	20,000		1	12
Fairgrove	Tuscola	150	149	200	91	3,900	519 85	1	4
Fair Haven	St. Clair	132	47	200	80	2,000		1	1
Falmouth	Missaukee	162	131	180	78	3,000	200 00		4
Farmington	Oakland	197	158	200	82	20,000		2	3
Farwell	Clare	203	167	179	90	12,000	4,800 00	2	6
Felch Tp	Dickinson	322	261	200	86	30,000	2,099 94	2	7
Fennville	Allegan	239	173	180	96	8,000		2	5
Fenton	Genesee	522	472	190	97	30,000		2	15
Fife Lake	Grand Traverse	96	96	172	86	5,000		1	3
Fillmore Tp. 1	Allegan	119	71	175	87	2,000			2
Fillmore Tp. 2	Allegan	206	126	180	86	4,000		1	2
Filion	Huron	68	45	180	71	1,500		1	
Flat Rock	Wayne	112	88	190	88	18,000	9,000 00	1	4
Flint	Genesee	11,177	9,117	191	94	955,337	515,000 00	13	232
Flushing	Genesee	307	230	200	95	25,000	4,000 00	2	8
Forester Tp. 4 fr	Sanilac	72	58	200	78	1,000			1
Forest Grove	Ottawa	90	61	180	82	2,000		1	1
Forestville	Sanilac	83	64	180	80	1,200		1	1
Forsyth Tp	Marquette	753	598	200	93	68,000	13,500 00	3	18
Fostoria	Tuscola	90	88	200	60	4,000		1	3
Fowler	Clinton	125	50	186	98	11,000	7,500 00	1	3
Fowlerville	Livingston	227	169	190	97	20,000	1,000 00	1	8
Frankfort	Benzie	545	517	192	90	36,000		2	14
Frederic	Crawford	139	129	185	97	5,000		1	3
Freeland	Saginaw	145	138	196	93	12,000	8,550 00	1	2
Freeport	Barry	164	153	180	90	8,000		2	3
Freesoil	Mason	145	130	180	85	10,000	5,700 00	1	3
Fremont	Newaygo	570	491	200	94	59,000	11,000 00	3	21
Frontier	Hillsdale	76	48	175	96	3,000		2	2
Fruitport	Muskegon	102	81	192	90	4,000		1	2
Gagetown	Tuscola	238	114	200	92	8,000		1	3
Gaines	Genesee	99	79	200	93	650	800 00	1	3
Galesburg	Kalamazoo	164	134	180	94	15,000		3	8
Galien	Berrien	141	173	180	81	5,000		1	5
Garfield Tp. 1	Clare	87	81	180	81	1,500		1	1
Gaylord	Otsego	455	398	190	95	35,000	6,000 00	2	12
Germfask	Schoolcraft	98	93	200	86	7,000	200 00	1	3
Gladstone	Delta	1,529	962	200	95	56,000	22,500 00	4	22

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
10	90	$1,200 00	$4,600 00	$120 00	$51 11	$5,800 00	$9,997 71	10	$156 00
24.5	146	2,632 50	8,529 25	107 45	58 42	11,161 75	14,677 51	112	2,687 75
9	36	1,000 00	1,845 00	111 11	51 50	2,845 00	4,879 31	45	879 42
10	150	1,600 00	8,610 00	160 00	57 40	10,210 00	16,452 05	.....	.....
10	101.5	1,050 00	5,345 36	105 00	52 66	6,395 36	11,831 93	.....	.....
10	58.5	1,100 00	2,832 50	110 00	48 08	3,932 50	22,533 68	.....	.....
.....	18	.....	900 00	.....	50 00	900 00	1,154 12	2	40 00
19	47.5	1,627 50	2,381 25	85 66	50 13	4,008 75	5,184 33	30	531 13
9	27	810 00	1,440 00	90 00	53 33	2,250 00	2,888 96	35	381 67
19	95	1,912 50	5,296 25	100 66	55 75	7,208 75	9,834 81	26	448 15
10	65	1,100 00	3,565 00	110 00	54 84	4,665 00	6,011 98	23	400 00
9	18	450 00	1,125 00	50 00	62 50	1,575 00	2,459 99	7	37 00
9	9	612 00	405 00	68 00	45 00	1,017 00	1,625 37	.....	.....
9	9	600 00	414 50	66 67	46 05	1,014 50	1,298 92	1	6 80
9	18	700 00	900 00	77 78	50 00	1,600 00	2,491 24	1	.....
9.6	89	772 82	5,841 00	80 50	65 18	6,613 82	10,228 97	1	24 00
9.5	66.5	1,100 00	3,420 50	115 79	51 43	4,520 50	7,291 02	57	1,027 89
.....	54	.....	3,150 00	.....	58 33	3,150 00	4,539 16	20	316 25
70	750	9,435 52	45,092 95	134 79	60 12	54,528 47	81,747 33	63	1,414 05
10	40	950 00	2,600 00	95 00	65 00	3,550 00	6,195 26	2	.....
8	9	405 00	360 00	50 63	40 00	765 00	1,540 23	2	.....
10	119.5	1,300 00	6,045 00	130 00	50 59	7,345 00	11,807 81	84	569 90
10	40	850 00	1,850 00	85 00	46 25	2,700 00	3,669 85	21	215 00
10	10	800 00	400 00	80 00	40 00	1,200 00	1,691 92	.....	.....
.....	36	.....	1,935 00	.....	53 75	1,935 00	2,633 91	7	79 00
20	30	1,575 00	1,750 00	78 75	58 33	3,325 00	4,678 86	35	535 82
18	45	1,495 00	2,250 00	83 05	50 00	3,745 00	5,507 90	31	562 60
20	57.5	1,650 00	2,923 75	82 50	50 85	4,573 75	15,028 65	.....	.....
18	36	1,575 00	1,800 00	87 50	50 00	3,375 00	4,711 84	46	935 04
19	142 5	2,450 00	8,200 00	128 94	57 54	10,650 00	15,770 30	91	1,962 50
9	27	675 00	1,440 00	75 00	53 33	2,115 00	2,688 80	15	474 00
.....	18	.....	1,098 00	.....	61 00	1,098 00	1,414 74	4	.....
9	18	675 00	765 00	75 00	42 50	1,440 00	2,367 19	3	.....
9	.....	522 00	.....	58 00	.....	522 00	887 73	.....	.....
10	40	850 00	2,000 00	85 00	50 00	2,850 00	5,658 96	30	99 74
130	2,320	19,025 00	126,056 21	146 35	54 33	145,081 21	364,225 32	141	3,345 44
20	80	2,350 00	4,175 00	117 50	52 19	6,525 00	8,611 75	72	1,055 54
.....	10	.....	550 00	.....	55 00	550 00	762 19	.....	.....
9	9	540 00	450 00	60 00	50 00	990 00	1,319 51	3	15 00
9	6	765 00	210 00	85 00	35 00	975 00	1,250 65	1	.....
30	180	3,925 00	11,565 00	130 83	64 25	15,490 00	24,677 05	3	20 00
10	39	750 00	1,455 00	75 00	39 70	2,205 00	3,018 28	34	404 72
10	30	900 00	1,650 00	90 00	55 00	2,550 00	13,22[illegible] 74	24	456 00
10	80	1,200 00	4,325 00	120 00	54 06	5,525 00	8,673 16	59	1,018 00
20	136	1,950 00	7,300 00	97 50	53 67	9,250 00	15,734 84	17	231 57
9.5	38	760 00	1,852 50	80 00	48 75	2,612 50	4,069 51	11	46 65
10	20	750 00	1,197 25	75 00	59 86	1,947 25	3,831 38	18	447 50
19	29	1,662 50	1,662 50	87 50	57 32	3,325 00	4,702 75	14	235 67
9	27	667 50	1,210 40	74 17	44 83	1,877 90	3,040 90	6	150 00
30	156.6	3,548 75	8,928 64	118 29	57 01	12,477 39	19,069 72	113	2,611 21
18	18	1,210 00	900 00	67 22	50 00	2,110 00	2,656 08	28	466 60
10	20	750 00	1,050 00	75 00	52 50	1,800 00	3,216 22	1	10 00
10	30	750 00	1,550 00	75 00	51 66	2,300 00	3,139 67	22	380 00
10	30	900 00	1,250 00	90 00	41 66	2,150 00	2,732 53	29	264 32
21	58.5	1,505 38	3,214 86	71 68	54 95	4,720 24	6,037 70	38	422 55
9	36	800 00	2,044 00	88 89	56 78	2,844 00	3,867 86	31	336 00
9	9	540 00	360 00	60 00	40 00	900 00	1,236 89	2	40 00
19	114	2,060 00	7,350 00	108 42	64 47	9,410 00	16,170 05	37	575 00
10	30	800 00	1,450 00	80 00	48 33	2,250 00	3,258 76	.....	.....
40	220	4,200 00	13,040 31	105 00	59 27	17,240 31	26,795 39	.....	.....

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Gladwin	Gladwin	347	328	200	91	$25,000	$15,000 00	2	9
Gobleville	Van Buren	187	166	190	90	14,000	3,300 00	1	6
Graafschap	Allegan	110	74	176	80	2,200	.....	.....	2
Grand Blanc	Genesee	138	111	200	86	8,000	.....	1	3
Grand Haven	Ottawa	1,624	1,392	200	98	125,000	39,400 00	4	37
Grand Junction	Van Buren	114	80	179	80	2,500	.....	1	1
Grand Ledge	Eaton	771	737	188	95	75,000	23,000 00	2	24
Grand Rapids	Kent	31,968	17,655	191	83	3,289,485	1,130,000 00	64	602
Grand Rapids Tp. 6	Kent	199	157	192	88	15,000	6,250 00	1	4
Grand Rapids Tp. 8 fr	Kent	174	155	200	85	9,500	1,500 00	.....	5
Grandville	Kent	356	319	200	88	20,000	13,000 00	1	11
Grant	Newaygo	190	191	190	92	5,500	.....	2	4
Grass Lake	Jackson	241	203	195	95	1,500	.....	1	7
Grattan	Kent	95	77	180	80	2,000	.....	1	1
Grayling	Crawford	754	628	185	93	85,000	51,500 00	1	19
Greenfield Tp. 1	Wayne	562	783	200	76	122,500	125,000 00	1	15
Greenfield Tp. 10 fr	Wayne	417	317	200	85	55,000	46,500 00	2	6
Greenland Tp	Ontonagon	1,176	992	197	94	87,987	49,000 00	3	28
Greenville	Montcalm	1,019	889	184	90	135,000	54,500 00	5	24
Grindstone City	Huron	98	87	200	75	8,000	2,000 00	1	2
Grosse Ile	Wayne	249	168	200	91	50,000	13,000 00	1	5
Grosse Pointe Tp. 1	Wayne	505	308	200	63	45,000	40,000 00	.....	8
Hadley	Lapeer	86	75	190	93	5,000	.....	3	3
Hale	Iosco	152	152	180	83	2,500	.....	1	2
Halfway	Macomb	180	68	200	89	4,500	.....	.....	4
Hamilton	Allegan	169	122	180	91	7,000	.....	1	2
Hamtramck	Wayne	5,305	2,501	200	85	300,000	242,000 00	1	50
Hamtramck Tp. 3	Wayne	1,298	1,050	190	85	115,000	101,500 00	1	10
Hamtramck Tp. 5	Wayne	1,310	582	190	89	60,000	55,300 00	.....	12
Hamtramck Tp. 9	Wayne	149	77	199	85	18,000	18,000 00	.....	2
Hancock	Houghton	2,628	1,680	196	92	196,712	7,000 00	10	41
Hanover	Jackson	109	89	196	96	12,000	3,000 00	1	4
Harbor Beach	Huron	601	462	188	92	55,000	26,500 00	2	17
Harbor Springs	Emmet	1,071	527	180	97	95,000	64,494 00	4	15
Harrietta	Wexford	94	88	180	63	4,000	300 00	1	2
Harrison	Clare	197	151	180	77	5,000	.....	1	5
Harrisville	Alcona	169	169	180	75	14,000	12,600 00	1	4
Hart	Oceana	532	443	183	95	75,000	10,000 00	4	17
Hartford	Van Buren	371	343	184	83	15,000	.....	3	12
Haslett	Ingham	74	60	176	92	5,000	.....	1	2
Hastings	Barry	1,135	1,048	199	84	77,000	79,000 00	7	29
Hematite	Iron	342	325	198	91	35,000	.....	2	13
Hemlock	Saginaw	182	130	180	83	14,000	7,033 79	1	4
Hersey	Oscoda	121	101	190	88	5,000	.....	1	4
Hesperia	Newaygo	174	150	180	95	6,000	.....	1	6
Highland Park	Wayne	5,167	4,705	197	90	1,390,000	1,075,000 00	25	155
Hillman	Montmorency	331	269	200	95	21,500	14,961 12	2	7
Hillsdale	Hillsdale	1,271	1,218	190	90	200,000	55,000 00	6	31
Holland	Ottawa	3,316	2,380	194	97	300,000	139,000 00	4	67
Holland Tp. 3	Ottawa	94	72	194	92	4,000	.....	1	1
Holland Tp. 4	Ottawa	58	40	180	85	4,000	.....	.....	2
Holland Tp. 6	Ottawa	86	53	180	90	2,600	.....	.....	2
Holland Tp. 9	Ottawa	145	102	200	84	10,000	1,000 00	.....	3
Holland Tp. 11 fr	Ottawa	72	44	180	84	2,000	600 00	1	1
Holly	Oakland	424	406	200	93	50,000	28,500 00	2	10
Holt	Ingham	130	99	176	95	9,000	5,875 00	2	2
Holton	Muskegon	120	93	180	91	2,000	.....	.....	2
Homer	Calhoun	241	246	190	95	20,000	.....	2	9
Honor	Benzie	230	189	177	91	5,000	600 00	2	5
Hope Tp. 1	Midland	93	61	175	77	1,800	.....	1	1

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year:		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
20	90	$1,850 00	$5,150 00	$92 50	$58 33	$7,000 00	$10,719 91	56	$780 65
9.5	57	1,050 00	2,826 25	110 53	55 42	3,876 25	5,138 27	24	541 25
.....	18	.....	945 00	.....	52 50	945 00	1,703 13	9	.....
10	30	650 00	1,400 00	65 00	46 67	2,050 00	3,896 74	12	268 00
40	370	5,223 25	22,358 75	130 58	60 43	27,582 00	39,243 32	49	1,088 20
9	9	540 00	450 00	60 00	50 00	990 00	1,944 40	5	.....
19	228	2,050 00	15,492 50	107 89	67 95	17,542 50	28,563 26	90	2,073 01
640	6,020	96,129 23	523,715 34	150 20	87 00	619,844 57	1,234,056 17	155	6,008 97
10	35	850 00	1,525 00	85 00	43 57	2,375 00	4,635 08	4	51 25
.....	42	.....	2,401 13	.....	57 16	2,401 13	4,512 34	1	5 00
10	110	1,100 00	5,160 00	110 00	46 90	6,260 00	10,343 13	34	1,150 00
19	38	1,425 00	2,017 50	75 00	53 09	3,442 50	4,810 47	44	641 65
10	70	1,100 00	3,350 00	110 00	47 85	4,450 00	5,861 01	51	774 99
9	9	597 25	450 00	64 25	50 00	1,047 25	1,510 26	.....	.....
9.5	94.7	1,250 00	7,522 50	131 57	79 43	8,772 50	80,761 96	18	225 00
10	103.7	1,400 00	6,430 25	140 00	62 01	7,830 25	69,333 21	2	16 50
20	58	2,230 00	3,610 00	111 60	62 24	5,840 00	29,378 07	1	.....
30	276	3,450 00	16,713 75	115 00	60 55	20,163 75	35,877 13	2	.....
50	230	5,200 00	13,975 00	104 00	60 76	19,175 00	33,789 38	92	2,133 20
10	20	1,000 00	1,000 00	100 00	50 00	2,000 00	2,255 56	3	40 00
10	50	1,600 00	3,900 00	160 00	78 00	5,500 00	11,092 94	.....	.....
.....	65	.....	4,850 00	.....	74 62	4,850 00	12,744 83	.....	.....
17.7	29.7	1,189 25	1,303 75	67 19	43 96	2,493 00	3,323 45	46	433 60
9	17.7	720 00	798 75	80 00	45 12	1,518 75	2,295 18	10	132 00
.....	24	.....	1,422 50	.....	59 27	1,422 50	1,799 49	1	10 00
9	18	675 00	832 50	75 00	46 25	1,507 50	1,848 64	9	164 00
12	412.7	2,250 00	28,835 50	187 50	69 87	31,085 50	120,483 97	14	356 40
10	99	1,080 00	6,023 00	108 00	60 84	7,103 00	49,007 85	.....	.....
.....	95	.....	5,657 60	.....	59 55	5,657 60	12,768 00	.....	.....
.....	19	.....	1,100 00	.....	57 89	1,100 00	10,922 78	1	.....
91.5	405	12,711 00	27,083 50	138 91	66 87	39,794 50	68,557 25	18	1,016 00
10	40	800 00	2,150 00	80 00	53 75	2,950 00	4,283 08	37	680 00
20	120	2,500 00	6,877 75	125 00	57 31	9,377 75	35,742 95	24	510 50
36	135	4,375 00	9,900 00	121 53	73 33	14,275 00	42,954 64	36	550 00
9	18	720 00	900 00	80 00	50 00	1,620 00	2,384 91	10	94 00
9	45	850 00	2,230 00	94 44	49 59	3,080 00	4,801 80	22	607 00
9	36	900 00	1,849 96	100 00	51 39	2,749 96	4,420 51	18	200 00
35.5	127.5	4,650 12	7,467 50	80 29	58 57	12,117 62	18,739 88	102	2,528 86
28.5	80	2,915 00	4,436 25	102 28	54 45	7,351 25	11,867 26	91	2,109 71
9	18	720 00	990 00	80 00	55 00	1,710 00	2,564 53	8	104 00
70	290	8,100 00	16,110 58	114 28	55 55	24,210 58	39,249 02	167	4,975 67
19	129	2,071 00	7,667 49	109 00	59 43	9,738 49	15,268 59	4	120 00
9	35	745 00	1,670 00	82 78	47 71	2,415 00	4,639 75	28	578 00
9.5	38	760 00	1,781 25	80 00	46 87	2,541 25	3,384 94	24	420 00
9	53	900 00	2,533 75	100 00	47 80	3,433 75	4,875 40	39	376 84
213.5	1,340	30,073 24	94,370 23	140 86	70 43	124,443 47	533,070 22	39	1,129 67
20	70	1,400 00	3,250 00	70 00	46 43	4,650 00	10,399 07	16	200 00
57	294 5	7,750 00	19,732 50	135 96	67 00	27,482 50	41,564 55	94	1,343 90
40	670	6,050 00	41,072 38	151 25	61 30	47,122 38	110,932 18	135	2,436 54
10	10	725 00	475 00	72 50	47 50	1,200 00	1,797 79	2	.....
.....	18	.....	630 00	.....	35 00	630 00	967 00	1	.....
.....	18	.....	990 00	.....	55 00	990 00	1,416 39	.....	.....
.....	30	.....	1,520 00	.....	50 67	1,520 00	2,879 08	.....	.....
9	9	450 00	270 00	50 00	30 00	720 00	1,017 42	7	.....
20	100	2,150 00	5,575 00	107 50	55 75	7,725 00	11,429 52	66	1,315 37
9	18	533 20	765 00	59 23	42 50	1,298 20	993 14	3	2 70
.....	18	.....	1,035 00	.....	57 50	1,035 00	1,636 28	1	.....
19	76	1,650 00	4,557 50	86 79	59 97	6,207 50	7,682 60	51	1,225 00
18	43	1,395 00	2,093 63	71 94	48 68	3,488 63	5,209 30	22	194 25
9	9	585 00	360 00	65 00	40 00	945 00	1,215 25	.....	.....

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Hopkins	Allegan	155	131	176	93	$12,000	$5,000 00	1	7
Horton	Jackson	71	60	190	96	5, 00	.....	1	3
Houghton	Houghton	2,949	2,197	196	92	200,000	131,000 00	16	73
Howard City	Montcalm	284	277	190	91	5,000	.....	1	9
Howell	Livingston	595	523	197	97	60,000	.....	2	18
Hubbardston	Ionia	125	95	178	93	4,500	.....	1	3
Hudson	Lenawee	686	611	190	96	80,000	52,965 14	4	14
Hudsonville	Ottawa	251	213	180	94	10,000	2,400 00	1	6
Ida	Monroe	147	102	180	93	15,000	1,000 00	1	4
Imlay City	Lapeer	325	272	200	97	20,000	.....	2	9
Ionia	Ionia	1,488	1,032	195	97	100,000	9,500 00	5	33
Iron Mountain	Dickinson	3,178	2,701	200	96	500,000	116,112 39	8	68
Iron River	Iron	1,694	1,419	198	84	171,922	52,160 45	8	42
Ironwood	Gogebic	4,352	2,985	195	95	400,000	75,000 00	14	88
Ishpeming	Marquette	3,536	2,518	188	94	350,000	.....	15	74
Ithaca	Gratiot	524	480	195	82	60,000	17,000 00	3	16
Jackson	Jackson	8,959	6,165	200	95	739,810	326,000 00	19	150
Jamestown	Ottawa	97	62	180	96	4,500	.....	.....	2
Jennings	Missaukee	366	290	190	96	1,100	.....	1	8
Jerome	Hillsdale	92	71	170	94	6,500	1,500 00	1	2
Jonesville	Hillsdale	313	280	199	96	35,000	.....	2	10
Kalamazoo	Kalamazoo	9,754	6,410	186	95	1,090,940	466,000 00	40	215
Kalkaska	Kalkaska	275	288	172	92	25,000	3,500 00	2	7
Kendall	Van Buren	66	44	180	86	1,000	.....	.....	1
Kent City	Kent	159	155	190	84	15,000	.....	3	4
Kilmanagh	Huron	142	71	180	80	2,000	.....	1	1
Kinde	Huron	209	180	200	75	12,000	10,863 87	1	4
Kingsley	Grand Traverse	158	135	180	92	7,500	.....	1	5
Kingston	Tuscola	150	128	200	68	7,000	.....	1	4
Kochville Tp. 6 fr	Saginaw	114	60	180	84	1,600	.....	.....	2
Laingsburg	Shiawassee	208	168	197	93	5,000	12,000 00	2	4
Lake Tp. 7	Berrien	221	99	180	88	4,000	.....	1	3
Lake Ann	Benzie	63	63	160	82	3,500	.....	1	1
Lake City	Missaukee	255	269	170	89	19,000	701 29	2	7
Lake Linden	Houghton	1,923	808	198	90	35,000	100,000 00	3	28
Lake Odessa	Ionia	348	242	187	95	22,000	.....	2	12
Lakeview	Montcalm	299	242	190	96	1,000	949 69	1	9
L'Anse	Baraga	701	538	200	92	72,000	14,500 00	3	17
Lansing	Ingham	8,345	6,891	178	94	598,302	50,000 00	12	161
Lapeer	Lapeer	672	592	196	97	40,000	.....	2	22
Lawrence	Van Buren	200	232	190	97	6,500	600 00	2	9
Lawton	Van Buren	253	240	178	97	43,000	29,000 00	3	12
Leavitt Tp. 8	Oceana	119	106	180	83	6,000	500 00	1	4
Lennon	Shiawassee	75	71	200	83	5,000	.....	1	2
Lenox (includes Richmond)	Macomb	403	385	200	93	50,400	26,533 35	2	13
Leonard	Oakland	138	92	200	95	5,000	.....	1	2
Leroy	Osceola	155	133	174	51	5,000	.....	1	4
Lesl	Ingham	249	254	190	98	20,000	211 36	2	7
Levering	Emmet	101	103	180	85	3,000	.....	1	3
Lexington	Sanilac	135	102	200	91	8,000	.....	1	4
Lincoln Tp. 2	Huron	105	87	199	70	1,500	65 00	.....	2
Lincoln Tp. 4	Berrien	103	79	160	81	4,000	.....	.....	2
Linden	Genesee	154	133	184	88	8,000	452 36	1	6
Lisbon	Ottawa	87	45	180	91	3,000	50 00	1	1
Litchfield	Hillsdale	185	163	180	92	15,000	.....	1	6
Lowell	Kent	473	382	172	86	65,000	50,000 00	2	17
Lucas	Missaukee	86	63	178	90	2,500	.....	1	3
Ludington	Mason	2,683	1,691	185	93	275,000	14,000 00	8	50
Lum	Lapeer	107	92	200	83	3,500	.....	1	2
Lupton	Ogemaw	76	74	177	72	2,000	400 00	.....	4

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
9	50	$950 00	$2,403 25	$105 55	$48 06	$3,353 25	$4,769 18	74	$1,578 58
9.5	28.5	750 00	1,307 50	78 95	45 80	2,057 50	2,648 15	16	173 52
48.8	628.6	19,741 25	41,692 06	132 67	66 32	61,433 31	117,983 24	24	1,205 25
9.5	76	1,099 63	4,005 25	115 75	52 70	5,104 88	7,637 38	40	705 00
20	170	2,400 00	9,909 00	120 00	58 29	12,309 00	18,957 69	95	1,817 00
9	27	675 00	1,305 00	75 00	48 33	1,980 00	2,772 52	8	167 32
38	133	3,300 00	8,315 25	86 84	62 52	11,615 25	18,448 07	.....	1,263 90
9	54	675 00	2,673 00	75 00	49 87	3,348 00	4,358 80	15	185 25
9	36	700 00	1,919 75	77 77	53 32	2,619 75	3,920 29	30	565 50
20	90	2,250 00	4,352 50	112 50	48 47	6,602 50	8,525 52	53	958 50
50	325	5,775 00	19,207 25	115 50	59 10	24,982 25	43,735 80	111	2,688 15
80	680	9,343 00	44,783 13	116 79	65 86	54,126 13	98,882 08	40	1,162 50
63.5	415.5	8,160 75	27,809 80	128 51	66 93	35,970 55	64,695 35	32	.....
140	880	17,300 00	59,539 00	123 35	67 65	76,839 00	126,536 53	29	1,206 97
142.5	703	17,078 30	47,195 47	119 85	67 13	64,273 77	99,773 96	22	.....
28.5	152	3,250 00	9,350 00	114 03	61 51	12,600 00	19,787 94	116	1,857 98
190	1,500	25,275 15	91,735 20	133 03	61 15	117,010 35	239,933 86	109	3,685 16
.....	18	.....	1,080 00	.....	60 00	1,080 00	1,799 36	.....	.....
9.5	76	1,068 75	4,182 50	112 50	55 03	5,251 25	6,840 56	.....	.....
9	18	675 00	810 00	75 00	50 00	1,485 00	2,113 87	5	52 60
20	85.5	1,800 00	4,340 63	90 00	50 76	6,140 63	9,312 74	47	728 28
380	2,042.5	48,286 16	157,649 90	127 06	77 18	205,936 06	320,681 72	141	2,715 50
18	54	1,765 08	3,015 00	98 05	55 83	4,780 08	8,781 35	38	550 00
.....	9	.....	470 00	.....	52 22	470 00	729 70	.....	.....
28.5	38	2,335 00	2,042 50	81 93	53 75	4,377 50	6,558 96	45	787 86
9	9	675 00	450 00	75 00	50 00	1,125 00	1,519 00	.....	.....
10	40	800 00	1,800 00	80 00	45 00	2,600 00	6,924 74	14	195 00
9	45	765 00	2,385 00	85 00	53 00	3,150 00	3,983 56	33	588 72
10	39	950 00	1,902 50	95 00	48 78	2,852 50	3,467 52	20	338 60
.....	18	.....	900 00	.....	50 00	900 00	1,318 44	5	75 62
19.5	40	1,475 00	1,900 00	75 64	47 50	3,375 00	9,637 06	57	709 50
9	27	810 00	1,485 00	90 00	55 00	2,295 00	3,132 22	7	127 75
8	8	520 00	440 00	65 00	55 00	960 00	1,209 13	.....	.....
18	63	1,610 00	3,472 50	89 44	55 12	5,082 50	8,960 27	41	745 00
30	272	4,266 00	18,610 20	142 20	68 42	22,876 20	45,688 00	4	120 00
19	85.5	1,910 00	4,799 50	100 52	56 13	6,709 50	9,369 17	52	960 50
9.5	76	1,200 00	3,983 75	126 31	52 41	5,183 75	6,897 38	57	1,160 00
30	168	3,400 00	9,462 50	113 33	56 32	12,862 50	20,070 24	.....	.....
118.7	1,449	19,225 00	108,404 82	161 86	74 81	127,629 82	233,098 45	248	6,588 27
20	220	2,500 00	14,274 00	125 00	64 88	16,774 00	22,455 17	109	2,629 03
18.7	76	1,648 91	4,147 38	88 18	53 25	5,796 29	7,477 29	61	1,205 00
19	78	1,882 50	3,796 63	99 08	48 29	5,679 13	41,284 68	41	501 90
9	36	675 00	1,620 00	75 00	45 00	2,295 00	3,509 87	18	240 71
10	20	800 00	900 00	80 00	45 00	1,700 00	2,191 55	26	258 40
20	99.7	2,300 00	5,263 42	115 00	52 79	7,563 42	11,176 31	40	619 50
10	20	750 00	900 00	75 00	45 00	1,650 00	2,098 68	3	27 00
9	36	855 00	1,665 00	95 00	46 25	2,520 00	3,478 71	26	360 00
19	66.5	2,000 00	3,725 00	105 26	56 01	5,725 00	7,368 82	51	902 50
9	27	787 50	1,467 00	87 50	54 33	2,254 50	3,042 28	7	177 00
10	40	850 00	2,075 00	85 00	51 87	2,925 00	3,856 58	20	262 50
.....	20	.....	900 00	.....	45 00	900 00	1,133 89	.....	150 00
.....	16	.....	880 00	.....	55 00	880 00	1,131 18	.....	.....
10	60	1,100 00	2,975 00	110 00	49 58	4,075 00	5,115 26	46	400 43
9	9	720 00	495 00	80 00	55 00	1,215 00	1,537 04	2	18 00
9	54	810 00	2,750 00	90 00	50 92	3,560 00	5,066 34	47	795 78
20	150	2,550 00	8,060 00	127 50	53 73	10,610 00	20,925 01	91	1,955 75
9	18	699 96	807 75	77 77	44 83	1,507 71	2,108 91	16	165 00
69.7	475.8	7,768 18	29,272 03	111 45	61 52	37,040 21	53,916 84	49	1,164 72
10	20	700 00	850 00	70 00	42 50	1,550 00	1,903 42	16	141 50
.....	27	.....	1,395 00	.....	51 66	1,395 00	1,928 40	.....	.....

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Luther	Lake	220	165	190	93	$15,000	$5,700 00	1	6
Lyons	Ionia	165	136	178	94	18,000	11,500 00	1	5
Mackinac Island City	Mackinac	210	129	180	86	12,000	1,379 94	1	4
Mackinaw City	Cheboygan	189	186	200	75	6,500	.....	1	3
Macomb Tp. 2 fr	Macomb	108	37	180	59	1,000	.....	1	.....
Mancelona	Antrim	551	541	180	72	30,000	.....	4	13
Manchester	Washtenaw	266	224	196	93	20,000	.....	2	8
Manistee	Manistee	3,223	1,633	192	95	172,000	24,975 00	7	63
Manistique	Schoolcraft	1,573	1,072	195	86	80,000	.....	5	30
Manton	Wexford	302	304	180	89	25,000	.....	2	8
Maple Grove Tp. 5	Manistee	166	144	180	84	7,000	2,365 25	.....	4
Maple Rapids	Clinton	139	126	190	96	15,000	6,000 00	1	4
Marcellus	Cass	214	216	180	94	35,000	12,190 46	2	8
Marine City	St. Clair	1,191	954	195	97	60,000	5,600 00	3	16
Marion	Osceola	348	309	190	94	12,000	1,000 00	3	6
Marion Tp. 4	Sanilac	61	43	200	81	2,200	.....	.....	1
Marlette	Sanilac	354	348	200	92	25,000	2,500 00	2	9
Marquette	Marquette	3,524	2,047	190	80	302,675	30,000 00	11	63
Marshall	Calhoun	910	751	182	90	120,000	2,000 00	4	27
Martin	Allegan	118	98	183	89	15,000	1,000 00	.....	5
Marysville	St. Clair	139	91	180	84	4,000	.....	.....	4
Mason	Ingham	403	481	198	95	50,000	.....	2	16
Masonville Tp	Delta	647	510	180	79	53,250	10,000 00	3	14
Mathias Tp	Alger	190	151	178	90	26,000	20,000 00	1	7
Mattawan	Van Buren	211	195	180	84	14,000	6,000 00	2	5
Mayville	Tuscola	223	222	200	95	20,000	5,900 00	1	5
McBain	Missaukee	267	265	169	94	5,000	.....	2	5
McBride	Montcalm	135	111	190	84	1,000	.....	1	2
McMillan Tp	Luce	823	748	200	80	86,000	.....	4	27
McMillan Tp	Ontonagon	354	241	180	97	40,000	33,000 00	2	9
Mears	Oceana	93	68	180	88	4,000	.....	1	2
Mecosta	Mecosta	90	78	180	80	14,000	8,000 00	1	2
Memphis	Macomb	189	159	190	96	25,000	.....	1	5
Mendon	St. Joseph	190	144	190	94	25,000	6,150 00	2	7
Menominee	Menominee	3,508	2,307	190	96	.....	165,000 00	6	60
Merrill	Saginaw	212	95	190	88	7,500	.....	1	3
Mesick	Wexford	181	158	180	52	6,500	.....	2	4
Metamora	Lapeer	99	118	187	93	5,000	.....	1	3
Michigamme	Marquette	163	127	200	75	50,000	32,666 67	1	6
Middleton	Gratiot	147	134	187	90	5,000	.....	2	3
Middleville	Barry	246	223	190	92	18,000	.....	1	9
Midland	Midland	1,046	702	185	94	90,000	39,839 45	2	21
Milan	Washtenaw	428	387	180	96	25,000	3,600 00	1	10
Milford	Oakland	217	207	192	95	20,000	.....	1	8
Millbrook	Mecosta	78	58	180	89	6,056	1,080 00	1	1
Millburg	Berrien	127	122	179	96	3,500	.....	1	2
Millersburg	Presque Isle	139	118	200	81	8,000	3,500 00	1	3
Millington	Tuscola	241	202	200	92	15,000	1,500 00	1	7
Minden City	Sanilac	148	105	180	76	6,000	.....	1	2
Monguagon Tp. 2	Wayne	226	172	200	57	12,000	927 25	.....	4
Monitor Tp. 6 fr	Bay	161	128	176	88	4,000	.....	.....	2
Monroe	Monroe	2,273	1,275	190	95	200,000	85,300 00	6	34
Montague	Muskegon	199	213	179	95	15,000	.....	1	8
Montgomery	Hillsdale	140	125	179	97	1,200	2,300 00	2	5
Montrose	Genesee	159	116	198	91	5,000	3,200 00	1	4
Moore Tp. 6	Sanilac	113	95	180	72	3,000	.....	1	1
Morenci	Lenawee	360	320	166	96	38,000	14,000 00	2	11
Morley	Mecosta	140	129	180	83	5,000	.....	1	2
Morrice	Shiawassee	111	107	200	94	7,500	.....	2	4
Moscow	Hillsdale	53	52	180	91	1,000	.....	1	1

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
9.5	49.5	$900 00	$2,256 50	$94 73	$45 58	$3,156 50	$4,639 84	15	$215 00
9	45	925 00	2,295 00	102 77	51 00	3,220 00	5,401 03	8	100 00
9	36	800 00	2,305 00	88 88	64 03	3,105 00	5,139 47	.....	.....
10	30	825 00	1,875 00	82 50	62 50	2,700 00	5,051 15	2	.....
9	.....	585 00	.....	65 00	.....	585 00	674 80	2	3 00
36	117	3,604 82	4,957 50	100 13	42 36	8,562 32	13,733 15	34	583 24
20	80	1,900 00	4,200 00	95 00	52 50	6,100 00	7,459 26	46	752 00
68	612	9,622 87	40,375 67	141 51	65 97	49,998 54	70,217 89	42	1,330 48
50	300	6,647 00	18,782 00	132 94	62 60	25,429 00	38,672 85	49	1,121 60
18	72	1,900 00	3,465 00	105 56	48 13	5,365 00	7,618 21	48	762 89
.....	36	.....	1,710 00	.....	47 50	1,710 00	2,439 75	11	206 45
9.5	38.5	900 00	2,066 25	94 73	53 69	2,966 25	4,993 17	25	360 70
18	65.7	1,630 00	3,709 16	90 55	56 45	5,339 16	8,783 49	85	1,650 91
30	160	3,538 00	8,744 00	117 93	54 65	12,282 00	18,680 01	25	551 75
28.5	48.5	1,992 50	2,317 75	69 91	47 79	4,310 25	6,369 05	28	427 19
.....	10	.....	680 00	.....	68 00	680 00	1,061 32	.....	.....
20	90	2,100 00	4,975 00	105 00	55 28	7,075 00	8,642 98	56	1,530 65
105	625	13,617 46	45,098 78	129 69	72 15	58,716 24	110,058 39	12	240 00
38	256	4,500 00	18,098 85	118 42	70 70	22,598 85	31,348 22	63	1,435 25
.....	45	.....	2,857 50	.....	63 50	2,857 50	4,215 28	43	700 66
.....	27	.....	1,483 75	.....	54 95	1,483 75	1,836 90	.....	.....
20	160	2,350 00	7,928 11	117 50	49 55	10,278 11	16,608 17	99	1,772 00
29	130	2,435 00	7,061 50	83 96	54 32	9,496 50	14,243 66	2	.....
9	63	901 25	3,240 63	100 14	51 44	4,141 88	28,255 88	1	20 00
18	45	1,260 00	2,047 50	70 00	45 50	3,307 50	6,350 26	19	330 00
10	50	1,000 00	2,550 00	100 00	51 00	3,550 00	5,821 60	20	805 00
18	45	1,739 98	2,362 50	96 61	53 75	4,102 48	5,222 76	10	200 00
9.5	19	875 00	930 00	92 10	48 95	1,805 00	2,445 54	6	39 50
38	269.5	3,745 00	15,390 00	97 50	57 10	19,135 00	31,611 86	44	690 00
18	81	1,450 00	4,455 00	80 55	55 00	5,905 00	42,847 83	.....	.....
9	18	630 00	895 00	70 00	49 72	1,525 00	2,255 27	8	140 00
9	18	630 00	855 00	70 00	47 50	1,485 00	2,338 79	8	80 00
10	50	900 00	2,550 00	90 00	51 00	3,450 00	7,276 01	35	365 40
17.7	57	1,677 50	3,194 00	94 77	56 03	4,871 50	6,814 32	29	536 80
57	655.5	10,170 00	43,078 76	178 42	65 71	53,248 76	107,025 66	15	305 00
9.5	19	760 00	1,140 00	80 00	60 00	1,900 00	3,328 81	12	197 90
18	36	1,325 00	1,832 50	73 61	50 90	3,157 50	4,541 33	27	507 10
9.5	28.5	760 00	1,470 00	80 00	51 58	2,230 00	2,765 07	7	136 24
10	60	1,200 00	3,955 00	120 00	65 83	5,155 00	25,724 98	9	114 13
18.5	27.5	1,350 00	1,470 00	72 97	53 45	2,820 00	3,954 58	35	615 65
10	70	1,150 00	3,387 50	115 00	48 39	4,537 50	7,232 81	74	1,866 50
19	200	2,250 00	12,235 00	118 42	61 18	14,485 00	25,789 45	126	3,536 45
9	90	1,300 00	5,100 43	144 44	56 67	6,400 43	9,458 45	66	1,280 59
10	80	1,000 00	4,100 00	100 00	51 25	5,100 00	7,424 01	78	1,218 85
9	9	562 50	405 00	62 50	45 00	967 50	1,484 94	6	95 20
9	18	720 00	1,080 00	80 00	60 00	1,800 00	2,473 59	9	120 52
10	30	850 00	1,400 00	85 00	46 67	2,250 00	3,392 01	.....	38 00
10	70	1,200 00	3,480 00	120 00	49 71	4,680 00	6,301 60	74	1,076 00
9	18	765 00	945 00	85 00	52 50	1,710 00	2,209 61	9	49 25
.....	40	.....	2,300 00	.....	57 50	2,300 00	4,317 01	1	2 00
.....	18	.....	1,035 00	.....	57 50	1,035 00	1,664 01	.....	.....
57	323	8,410 00	22,697 25	147 54	70 27	31,107 25	51,763 28	112	3,024 33
9	63	950 00	2,950 00	105 56	46 82	3,900 00	5,180 12	35	463 42
9	44.5	964 00	2,050 00	107 11	46 07	3,014 00	4,732 08	46	894 50
10	40	800 00	2,000 00	80 00	50 00	2,800 00	3,986 87	49	736 00
9	9	765 00	315 00	85 00	35 00	1,080 00	1,442 55	1	.....
18	99	2,200 00	5,355 00	122 22	54 09	7,555 00	10,989 21	59	845 10
9	18	775 00	855 00	86 11	47 50	1,630 00	2,180 05	10	56 00
20	40	1,400 00	1,750 00	70 00	43 75	3,150 00	4,167 98	16	279 13
9	9	585 00	450 00	65 00	50 00	1,035 00	1,313 33	2	10 00

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Mt. Clemens	Macomb	2,302	1,499	190	95	$200,000	$4,000 00	5	37
Mt. Morris	Genesee	261	210	200	91	7,600	.....	2	4
Mt. Pleasant	Isabella	1,147	630	200	95	62,000	13,500 00	4	18
Muir	Ionia	98	88	180	95	5,000	.....	1	4
Mulliken	Eaton	107	87	175	93	4,000	194 88	1	3
Munising Tp	Alger	1,313	780	192	94	115,000	8,000 00	5	25
Muskegon	Muskegon	7,487	5,209	196	95	1,349,927	330,000 00	26	155
Muskegon Heights	Muskegon	1,258	894	200	93	112,000	49,000 00	1	29
Napoleon	Jackson	109	99	180	87	7,000	.....	1	3
Nashville	Barry	320	286	176	96	3,500	.....	4	8
Negaunee	Marquette	3,055	1,768	195	90	297,000	51,000 00	9	46
Newaygo	Newaygo	410	357	200	90	17,000	.....	2	9
New Baltimore	Macomb	221	197	194	90	20,000	.....	1	7
New Buffalo	Berrien	172	142	180	92	1,000	18,000 00	1	4
New Era	Oceana	152	129	180	84	6,000	50 00	1	3
New Haven	Macomb	147	117	200	86	3,000	.....	1	2
New Holland	Ottawa	137	89	196	98	6,000	3,500 00	1	1
New Hudson	Oakland	29	23	190	90	2,500	60 00	1	1
New Troy	Berrien	200	182	180	84	6,000	.....	1	4
Niles	Berrien	1,313	1,121	190	96	150,000	81,000 00	4	34
Noordeloos	Ottawa	87	43	180	93	2,600	.....	1	1
North Adams	Hillsdale	108	104	190	92	10,000	.....	1	5
North Branch	Lapeer	224	254	200	89	20,000	9,000 00	1	8
North Muskegon	Muskegon	126	98	183	87	10,000	953 70	.....	2
Northport	Leelanau	229	205	180	91	20,000	11,000 00	1	6
North Star	Gratiot	97	68	180	94	3,000	.....	1	1
Northville	Wayne	459	375	187	91	12,000	55,000 00	2	15
Norway City	Dickinson	1,690	1,450	186	93	168,371	76,000 00	3	40
Norway Tp	Dickinson	695	515	200	93	30,500	3,750 00	2	13
Nunica	Ottawa	121	100	180	92	2,500	.....	2	5
Oakley	Saginaw	66	56	180	83	1,200	.....	1	1
Okemos	Ingham	102	92	176	98	3,000	.....	1	2
Olivet	Eaton	182	138	186	97	9,000	200 00	2	6
Omer	Arenac	168	125	200	88	12,000	6,800 00	1	3
Onaway	Presque Isle	1,119	671	200	93	76,000	35,700 00	4	19
Onekama	Manistee	142	112	180	91	35,000	.....	1	4
Onondaga	Ingham	85	64	176	93	3,000	.....	1	2
Onsted	Lenawee	126	89	180	92	5,000	.....	1	4
Ontonagon	Ontonagon	910	824	198	60	110,000	52,500 00	5	30
Orion	Oakland	216	202	200	95	25,000	5,130 00	1	7
Ortonville	Oakland	147	129	200	96	20,000	4,000 00	1	4
Osceola Tp	Houghton	2,647	1,881	196	84	144,513	75,000 00	4	65
Oscoda	Iosco	214	171	200	94	12,000	.....	1	9
Osseo	Hillsdale	77	74	176	76	3,500	475 00	3	3
Otisville	Genesee	191	171	200	93	3,900	.....	2	3
Otsego	Allegan	792	651	190	94	73,800	24,000 00	3	22
Otter Lake	Lapeer	91	72	180	80	200	.....	1	2
Overisel	Allegan	85	51	180	90	2,000	.....	1	1
Ovid	Clinton	309	280	190	95	35,000	14,950 00	2	11
Owosso	Shiawassee	2,682	2,181	191	97	340,000	39,000 00	7	54
Oxford	Oakland	308	320	196	94	45,000	19,734 83	1	11
Palmyra	Lenawee	102	80	180	84	3,150	.....	1	2
Palo	Ionia	56	55	200	94	4,000	.....	1	3
Paris Tp. 1	Kent	160	111	195	89	2,000	.....	1	3
Paris Tp. 4	Huron	123	67	180	89	2,000	.....	1	1
Parma	Jackson	166	154	190	91	12,000	.....	1	5
Paw Paw	Van Buren	399	361	188	93	25,000	5,000 00	3	14
Pellston	Emmet	281	271	178	97	22,000	9,000 00	2	9
Pentwater	Oceana	274	261	184	99	10,000	772 46	2	11
Perry	Shiawassee	189	160	200	90	12,000	2,000 00	2	5

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
50	370	$6,500 00	$24,402 14	$130 00	$65 95	$30,902 14	$49,467 18	86	$1,241 91
15	35	1,325 00	1,913 13	88 33	54 66	3,238 13	4,818 02	33	539 00
40	180	4,900 00	10,875 00	122 50	60 41	15,775 00	23,437 34	80	1,562 00
9	36	810 00	1,755 00	90 00	48 75	2,565 00	3,273 61	14	256 75
9	18	900 00	885 00	100 00	49 17	1,785 00	2,810 22	6	82 50
48	228	5,278 09	15,452 29	109 96	67 77	20,730 38	75,015 01	15	186 00
260	1,550	39,961 26	108,653 88	153 69	70 09	148,615 14	256,840 20	137	2,245 25
10	285	1,200 00	13,138 62	120 00	46 10	14,338 62	38,035 01	17	285 36
9.5	28.5	800 00	1,395 00	84 21	48 94	2,195 00	2,855 60	14	200 25
29	76	2,140 00	4,037 50	73 79	53 13	6,177 50	8,955 64	60	1,068 86
90	460	12,669 75	28,470 06	140 77	61 68	41,139 81	70,731 84	11	220 00
20	90	1,900 00	4,400 00	95 00	48 88	6,300 00	9,132 62	18	297 00
10	60	800 00	2,846 42	80 00	47 44	3,646 42	5,234 27	33	404 39
9	36	855 00	1,935 00	95 00	53 75	2,790 00	4,951 27	6	100 00
9	27	900 00	1,255 00	100 00	47 00	2,155 00	3,117 97	7	81 18
10	20	860 00	1,100 00	86 00	55 00	1,960 00	2,809 14	7	62 57
10	10	650 00	500 00	65 00	50 00	1,150 00	1,972 71	1	.....
9.5	9.5	665 00	380 00	70 00	40 00	1,045 00	1,571 36	22	178 75
9	36	900 00	1,665 00	100 00	46 25	2,565 00	3,662 41	7	99 00
38	323	5,100 00	19,652 50	134 21	60 84	24,752 50	37,138 91	47	1,050 63
9	9	693 00	342 00	77 00	38 00	1,035 00	1,505 53	.....	.....
9.5	47.5	1,000 00	2,202 50	105 26	46 37	3,202 50	4,284 72	54	776 25
10	80	1,200 00	3,825 00	120 00	47 81	5,025 00	7,754 87	68	897 50
.....	20	.....	1,100 00	.....	55 00	1,100 00	1,969 18	1	.....
9	54	900 00	2,610 00	100 00	48 33	3,510 00	6,881 87	17	417 50
9	9	720 00	450 00	80 00	50 00	1,170 00	1,689 99	.....	.....
20	119	1,850 00	6,240 00	92 50	52 44	8,090 00	16,749 57	42	1,364 50
19	380	3,576 58	23,732 35	188 24	62 45	27,308 93	47,241 66	26	831 68
20	130	2,350 00	7,100 00	117 50	54 61	9,450 00	15,185 37	.....	24 50
9	27	720 00	1,231 25	80 00	45 60	1,951 25	2,663 09	17	255 50
9	9	675 00	459 00	75 00	51 00	1,134 00	1,592 77	.....	.....
9	18	720 00	900 00	80 00	55 00	1,620 00	2,508 40	10	182 38
19	57	1,300 00	3,397 50	68 42	59 60	4,697 50	5,771 75	43	681 15
10	30	750 00	1,375 00	75 00	45 83	2,125 00	11,401 53	7	.....
40	190	3,550 00	9,275 00	88 75	48 81	12,825 00	28,671 79	31	185 50
9	36	900 00	1,800 00	100 00	50 00	2,700 00	3,445 78	28	504 88
9	18	675 00	855 00	75 00	47 50	1,530 00	2,201 76	11	190 25
9	36	800 00	1,665 00	88 89	46 25	2,465 00	3,730 07	17	407 88
50	300	4,950 00	15,074 36	99 00	50 27	20,024 36	33,630 71	.....	.....
10	70	1,050 00	3,370 00	105 00	48 14	4,420 00	13,408 76	21	359 60
10	40	800 00	2,000 00	80 00	50 00	2,800 00	4,139 48	26	184 64
39.9	621.9	6,047 90	41,067 89	151 57	66 03	47,115 79	98,016 60	43	517 50
10	90	1,200 00	4,170 00	120 00	46 33	5,370 00	8,893 79	1	6 00
12.9	23	895 50	1,039 50	69 41	45 19	1,935 00	3,255 89	7	178 00
20	30	1,350 00	1,650 00	67 50	55 00	3,000 00	3,988 25	18	323 00
29	209	3,450 00	11,932 50	118 96	57 09	15,382 50	22,501 65	39	683 90
9	18	630 00	900 00	70 00	50 00	1,530 00	1,943 08	7	64 00
9	9	648 00	414 00	72 00	46 00	1,062 00	1,293 42	1	3 00
20	110	2,050 00	5,800 00	102 50	52 73	7,850 00	11,523 12	71	1,248 50
70	540	8,175 00	33,113 38	116 78	61 32	41,288 38	91,080 33	123	2,082 86
10	103	1,200 00	5,731 00	120 00	55 64	6,931 00	31,997 34	39	655 95
9	18	765 00	1,080 00	85 00	60 00	1,845 00	2,125 37	2	20 00
10	30	850 00	1,400 00	85 00	46 66	2,250 00	3,447 93	23	606 66
10	20	600 00	1,097 50	60 00	54 87	1,697 50	3,280 84	1	.....
9	5	855 00	175 00	95 00	35 00	1,030 00	1,293 40	.....	.....
9 5	39 8	1,000 00	2,350 00	105 26	59 04	3,350 00	4,767 78	47	670 30
28.5	123.5	3,350 00	6,838 75	117 55	55 37	10,188 75	13,910 00	71	1,170 84
18	81	1,875 00	4,837 50	104 16	59 72	6,712 50	8,632 73	22	338 00
19	85.5	2,010 00	4,618 75	105 79	54 02	6,628 75	9,265 13	24	337 25
20	50	1,550 00	2,325 00	77 50	46 50	3,875 00	5,473 99	51	397 00

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Petersburg	Monroe	248	195	180	93	$10,000		1	5
Petoskey	Emmet	1,553	1,178	175	95	175,000	$93,000 00	6	38
Pewamo	Ionia	117	57	178	88	10,000		1	3
Pickford Tp	Chippewa	628	522	172	67	11,849	5,949 86	5	12
Pierson	Montcalm	100	96	180	94	3,000		1	1
Pigeon	Huron	325	283	200	94	12,000		1	6
Pinckney	Livingston	122	124	200	95	1,400		2	4
Pinconning	Bay	402	374	199	85	20,000	10,500 00	1	9
Pine Run	Genesee	67	50	180	88	1,100			1
Pinnebog	Huron	136	104	200	85	2,500	7,000 00	1	1
Pittsford	Hillsdale	131	113	190	81	15,000	8,500 00	1	4
Plainfield Tp. 9 fr	Kent	216	184	200	85	20,000	4,000 00	2	7
Plainwell	Allegan	498	480	190	96	40,000	3,000 00	2	16
Plymouth	Wayne	592	449	185	97	10,000		1	15
Pontiac	Oakland	4,242	3,822	197	91	585,000	305,000 00	8	93
Port Austin	Huron	211	205	200	80	9,000	2,500 00	2	5
Port Hope	Huron	150	101	200	76	2,000		1	2
Port Huron	St. Clair	6,500	3,243	190	94	550,000	9,885 00	6	99
Portland	Ionia	447	362	185	89	25,000		2	16
Port Sanilac	Sanilac	104	77	180	91	2,000		1	2
Potterville	Eaton	131	126	180	96	10,000	3,200 00	1	4
Prattville	Hillsdale	99	74	176	95	4,000	500 00	1	3
Prescott	Ogemaw	170	129	200	81	9,000	6,200 00	1	2
Quincy	Branch	248	252	190	93	15,000	1,500 00	1	10
Rapid City	Kalkaska	109	98	180	70	8,000			4
Ravenna	Muskegon	179	140	180	88	15,000	12,500 00	1	11
Reading	Hillsdale	224	194	182	97	18,000	10,500 00	2	8
Reed City	Osceola	616	531	184	94	35,000	1,425 68	2	15
Reese	Tuscola	209	116	200	82	15,000	9,652 49	1	3
Redford	Wayne	211	174	200	85	36,000	34,000 00	2	3
Remus	Mecosta	122	85	179	80	8,000		1	2
Republic Tp	Marquette	876	670	196	89	57,000	17,650 00	2	19
Richland	Kalamazoo	255	195	180	94	8,600		2	11
Richmond(in. under Lenox)									
Riga	Lenawee	134	89	177	96	4,000		1	3
Riverdale	Gratiot	155	129	180	88	4,300			3
River Rouge	Wayne	1,799	762	200	86	175,000	143,600 00	4	24
Rochester	Oakland	509	478	195	95	35,000	25,000 00	1	10
Rockford	Kent	280	240	200	90	25,000		2	7
Rockland Tp	Ontonagon	409	356	189	91	21,000		2	11
Rockwood	Wayne	102	81	180	90	3,000		1	1
Rock River	Alger	529	386	177	92	41,704	18,446 22	4	10
Rogers	Presque Isle	654	447	180	91	29,000	21,128 08	2	10
Romeo	Macomb	472	399	194	91	39,000		2	12
Romulus	Wayne	96	71	180	84	2,500		1	3
Roscommon	Roscommon	120	96	200	85	5,000		1	4
Rose City	Ogemaw	214	205	197	87	6,000	3,700 00		6
Royal Oak	Oakland	1,039	875	196	95	155,000	145,500 00	5	22
Rudyard Tp	Chippewa	768	548	180	72	9,500	3,000 00		15
Saganing	Arenac	94	64	180	84	3,400		1	1
Saginaw, E. S	Saginaw	8,823	4,100	190	96	853,182		26	134
Saginaw, W. S	Saginaw	6,770	3,917	200	96	559,078	33,000 00	12	104
St. Charles	Saginaw	579	456	200	94	30,000		1	10
St. Clair	St. Clair	709	465	176	97	35,000		1	14
St. Ignace	Mackinac	617	368	196	93	25,000	15,000 00	4	9
St. James Tp. 1	Charlevoix	173	147	180	87	3,000			5
St. Johns	Clinton	790	752	200	96	50,000		5	20
St. Joseph	Berrien	1,711	1,067	198	94	100,000	100,000 00	4	32
St. Louis	Gratiot	638	550	190	95	70,000	8,000 00	4	6
Salem	Washtenaw	72	56	170	91	1,000	31 81	1	2

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
9	45	$720 00	$2,272 50	$80 00	$50 50	$2,992 50	$4,390 53	35	$503 74
49.5	340.7	6,760 40	26,020 53	138 59	76 37	32,780 93	54,813 52	91	1,586 88
9	27	855 00	1,215 00	95 00	45 00	2,070 00	2,921 77	29	417 66
40.9	88.6	2,180 50	4,216 30	53 31	47 58	6,396 80	10,239 43	28	260 04
9	9	607 50	405 00	67 50	45 00	1,012 50	1,289 58	6	75 00
10	60	1,200 00	3,205 00	120 00	53 41	4,405 00	5,934 40	39	682 83
20	40	1,400 00	1,750 00	70 00	43 75	3,150 00	3,979 54	44	749 00
10	79	1,100 00	4,391 35	110 00	55 58	5,491 35	7,623 45	9	120 00
.....	9	.....	450 00	.....	50 00	450 00	830 05	3	.....
10	10	1,000 00	500 00	100 00	50 00	1,500 00	3,182 75	7	97 50
9.5	38	855 00	1,828 75	90 00	48 12	2,683 75	3,935 38	47	891 00
10	50	900 00	2,570 00	90 00	51 40	3,470 00	5,711 67	6	110 00
19	122	2,100 00	6,367 93	110 52	52 19	8,467 93	11,592 88	40	786 27
10	149	1,450 00	9,052 50	145 00	60 76	10,502 50	15,789 43	57	1,505 99
80	925	12,300 00	71,435 34	153 75	77 23	83,735 34	140,294 74	125	3,673 67
20	40	1,700 00	2,200 00	85 00	55 00	3,900 00	5,342 08	1	28 00
10	20	800 00	900 00	80 00	45 00	1,700 00	2,040 28	4	40 00
57	948.5	9,350 00	58,062 39	164 03	61 21	67,412 39	107,300 82	168	2,079 34
19	125.5	2,400 00	7,178 37	126 31	59 20	9,578 37	12,814 91	67	2,061 96
9	18	675 00	720 00	75 00	40 00	1,395 00	1,711 79	5	53 25
9	36	900 00	2,070 00	100 00	57 50	2,970 00	5,482 38	11	129 81
9	27	740 00	1,254 50	82 22	46 46	1,994 50	2,688 22	18	311 00
10	20	750 00	950 00	75 00	47 50	1,700 00	6,333 73	.....	6 00
9.5	85.5	1,300 00	4,797 50	136 84	56 11	6,097 50	8,636 53	62	1,078 75
.....	36	.....	2,070 00	.....	57 50	2,070 00	3,059 12	3	24 00
9	89	1,000 00	4,010 00	111 11	45 05	5,010 00	4,199 73	37	692 65
19	76	1,950 00	4,050 00	102 63	53 29	6,000 00	8,435 03	55	1,003 01
19	133	2,200 00	7,229 72	115 79	54 36	9,429 72	12,661 34	47	889 64
10	30	1,000 00	1,600 00	100 00	53 33	2,600 00	5,197 66	20	240 06
20	30	1,700 00	1,600 00	85 00	53 33	3,300 00	8,245 39	36	644 90
9	18	630 00	900 00	70 00	50 00	1,530 00	2,319 64	8	100 00
20	189.5	2,200 00	10,280 00	110 00	54 25	12,480 00	19,782 86	.....	.....
18	98.7	905 00	4,965 00	50 28	50 30	5,870 00	7,933 16	7	.....
9	27	630 00	1,485 00	70 00	55 00	2,115 00	3,255 18	7	45 80
.....	27	.....	1,575 00	.....	58 33	1,575 00	2,246 67	3	34 00
40	240	4,800 00	15,656 89	120 00	65 24	20,456 89	35,830 52	6	105 00
10	90	1,300 00	5,157 00	130 00	57 30	6,457 00	19,353 89	36	413 00
20	70	2,100 00	3,525 00	105 00	50 35	5,625 00	7,655 06	55	1,322 50
20	110	2,050 00	6,400 00	102 50	58 18	8,450 00	17,452 71	.....	.....
9	9	630 00	450 00	70 00	50 00	1,080 00	1,595 39	.....	.....
33	84	3,659 97	4,785 00	110 90	56 96	8,444 97	36,702 02	7	245 00
18	84	1,630 00	3,770 00	90 56	44 88	5,400 00	11,604 40	8	160 00
20	110	1,900 00	6,921 50	95 00	62 92	8,821 50	12,482 25	58	833 43
9	27	795 00	1,230 00	88 33	45 56	2,025 00	3,089 70	19	330 00
10	40	850 00	2,275 00	85 00	56 85	3,125 00	4,536 20	21	132 00
.....	60	.....	3,250 00	.....	54 16	3,250 00	4,237 11	20	146 58
40	200	4,485 00	11,476 00	112 12	57 38	15,961 00	42,944 49	71	1,700 00
.....	135	.....	6,810 00	.....	50 44	6,810 00	9,285 91	17	.....
9	9	495 00	450 00	55 00	50 00	945 00	1,619 42	.....	.....
260	1,340	34,400 00	91,687 75	132 30	68 64	126,087 75	203,685 23	128	4,819 55
118	1,034	15,431 45	65,734 45	130 76	63 57	81,165 90	157,974 88	76	2,751 00
10	100	1,400 00	6,143 76	140 00	61 43	7,543 76	10,507 43	41	640 00
10	140	1,500 00	8,375 00	150 00	59 82	9,875 00	14,616 58	35	529 87
40	90	3,450 00	5,125 00	86 25	56 94	8,575 00	12,699 45	8	120 00
.....	45	.....	1,500 00	.....	33 33	1,500 00	1,789 08	2	.....
50	200	5,450 00	15,130 88	109 00	75 65	20,580 88	29,988 91	80	2,140 13
40	320	5,449 96	19,035 62	136 25	59 49	24,485 58	138,750 04	24	683 28
38	152	4,325 00	9,687 25	113 81	63 73	14,012 25	20,707 79	57	950 00
9	9	675 00	473 00	75 00	52 56	1,148 00	1,643 86	14	110 00

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Saline	Washtenaw	209	178	200	96	$40,000		1	8
Sand Lake	Kent	146	120	180	90	3,000		1	3
Sandusky	Sanilac	351	378	190	88	30,000	$15,500 00	2	9
Sanilac Tp. 3	Sanilac	51	36	180	72	1,500		1	
Sanilac Tp. 8 fr	Sanilac	47	29	180	76	500			1
Saranac	Ionia	204	178	195	96	10,000	700 00	2	6
Saugatuck	Allegan	177	144	174	93	15,000	2,100 00	1	4
Sault Ste. Marie	Chippewa	3,632	2,418	200	95	425,000	150,000 00	13	62
Schoolcraft	Kalamazoo	152	150	175	94	22,500		2	6
Scotts	Kalamazoo	122	99	177	95	7,000	1,875 00		4
Scottville	Mason	356	334	187	95	30,000	5,000 00	4	9
Sebewaing	Huron	723	371	191	87	29,000	500 00	1	11
Shelby	Oceana	406	318	181	97	25,000	8,500 00	4	12
Shepherd	Isabella	257	254	184	91	20,000	4,000 00	1	9
Sheridan	Montcalm	169	149	160	81	6,000		2	4
Sherman	Wexford	128	108	160	65	4,500		2	3
Sherman Tp. 2	Osceola	104	113	180	91	6,000		1	4
Sherwood	Branch	124	110	180	89	6,000		1	3
Soule	Huron	87	62	200	75	1,600			1
South Frankfort	Benzie	216	177	176	97	4,000		1	5
South Haven	Van Buren	1,049	937	187	94	125,000	47,400 00	6	27
South Lyon	Oakland	147	118	186	96	18,000	14,800 00	1	5
Spaulding Tp	Menominee	641	532	200	84	34,700	2,500 00	2	17
Sparta	Kent	444	387	200	94	26,800	4,000 00	2	12
Spring Lake	Ottawa	239	202	190	96	10,000		1	5
Springport	Jackson	108	81	195	95	5,000		1	5
Springwells Tp. 3	Wayne	719	419	200	74	25,000	18,000 00	1	8
Stambaugh Tp	Iron	1,764	1,563	194	91	215,000	36,000 00	11	40
Standish	Arenac	358	272	200	75	30,000	19,000 00	1	8
Standish Tp. 2	Arenac	104	75	180	80	2,000		1	1
Stanton	Montcalm	313	266	185	88	20,000	18,500 00	1	10
Stanwood	Mecosta	254	216	178	88	7,800	250 00		9
Stephenson Tp	Menominee	997	851	180	80	30,000	21,150 00	4	23
Sterling	Arenac	213	156	200	95	5,000	450 00	1	3
Sterling Tp. 4	Macomb	86	46	180	82	2,500		1	1
Stevensville	Berrien	239	138	180	84	5,500		1	4
Stockbridge	Ingham	185	155	196	98	8,500	1,406 92	2	7
Sturgis	St. Joseph	1,275	1,059	190	93	95,940	136,000 00	3	30
Sumner Tp. 4 fr	Gratiot	71	57	176	80	3,000		1	1
Sunfield	Eaton	119	81	186	96	4,000		1	4
Superior Tp	Chippewa	530	410	192	70	14,400	7,200 00	4	10
Sutton's Bay	Lenawee	202	139	166	99	9,000	300 00	2	4
Swarts Creek	Genesee	122	73	200	93	3,000	500 00	1	2
Taymouth Tp. 8	Saginaw	91	58	177	80	2,000	75 00	2	1
Tawas City	Iosco	403	240	195	93	20,000		2	8
Tecumseh	Lenawee	520	468	190	94	32,000		3	15
Tekonsha	Calhoun	191	171	187	88	30,000	183 97	2	6
Temperance	Monroe	149	117	180	93	2,000		2	1
Thompsonville	Benzie	238	262	180	94	4,200		1	6
Thornville	Lapeer	51	35	180	86	3,000			1
Three Oaks	Berrien	429	366	190	95	20,000		1	14
Three Rivers	St. Joseph	994	895	188	97	80,000		5	29
Tilden Tp	Marquette	514	413	198	93	32,700	2,500 00	1	13
Traverse City	Grand Traverse	2,637	2,300	190	96	300,000	40,000 00	13	57
Trenton	Wayne	480	418	200	95	31,277	14,000 00	1	12
Trufant	Montcalm	127	102	172	92	4,000		1	3
Turner	Arenac	175	163	180	70	5,500		2	4
Tuscola	Tuscola	79	64	180	89	1,500	300 00	1	1
Tustin	Osceola	123	105	180	92	6,000		1	4
Twining	Arenac	154	134	180	80	8,000			3

—*Continued*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
10	80	$1,000 00	$4,050 00	$100 00	$50 63	$5,050 00	$6,624 12	38	$620 00
9	27	900 00	1,335 00	100 00	49 44	2,235 00	2,846 16	19	303 96
19	85.5	2,012 50	4,465 00	105 92	52 22	6,477 50	10,214 53	65	1,538 30
9	.....	540 00	.....	60 00	.....	540 00	729 35	1	.....
.....	9	.....	495 00	.....	55 00	495 00	788 21	9	.....
20	60	2,000 00	3,125 00	100 00	52 08	5,125 00	7,186 63	60	795 75
9	36	1,100 00	2,160 00	122 22	60 00	3,260 00	5,360 66	5	100 00
130	620	15,950 00	48,586 95	122 69	78 36	64,536 95	195,308 41	69	1,697 00
18	54	1,830 00	3,515 00	101 66	65 09	5,345 00	7,713 92	41	666 92
.....	36	.....	1,935 00	.....	53 75	1,935 00	3,503 74	35	594 61
35.5	78.5	2,730 00	4,522 50	76 90	57 61	7,252 50	10,896 60	79	2,227 24
10	104.5	1,200 00	5,630 50	120 00	53 88	6,830 50	10,989 60	9	144 00
38	113.5	3,782 50	5,992 50	99 54	52 80	9,775 00	13,132 35	91	2,101 45
9.5	76	1,108 27	4,020 50	116 66	52 90	5,128 77	7,316 69	35	617 25
16	25	1,215 00	1,388 00	75 94	55 52	2,603 00	3,619 43	65	965 25
9	27	550 50	1,215 00	61 17	45 00	1,765 50	3,180 57	.....	.....
9	27	450 00	1,575 00	50 00	58 33	2,025 00	2,936 29	9	195 00
9	27	810 00	1,372 50	90 00	50 83	2,182 50	2,920 02	13	56 00
.....	10	.....	550 00	.....	55 00	550 00	796 24	6	.....
9	45	916 63	2,205 00	101 84	49 00	3,121 63	4,130 92	1	30 00
59.5	256.5	6,675 00	16,175 00	112 18	63 06	22,850 00	39,662 43	142	4,234 65
9.5	47.5	999 97	2,378 75	105 26	50 08	3,378 72	17,446 77	32	545 75
20	170	1,750 00	7,509 00	87 50	44 17	9,259 00	17,976 67	5	.....
20	120	2,000 00	6,212 50	100 00	51 78	8,212 50	11,593 59	55	949 30
9.5	47.5	1,000 00	2,208 75	105 26	46 50	3,208 75	4,370 51	4	69 00
10	40	1,000 00	2,350 00	100 00	58 75	3,350 00	4,381 98	29	482 35
10	79	1,000 00	4,550 00	100 00	56 33	5,550 00	8,659 68	1	12 00
103	386	10,127 25	22,931 50	98 32	59 96	33,058 75	62,602 20	20	.....
10	73	1,100 00	3,615 00	110 00	49 52	4,715 00	11,380 22	81	1,524 00
9	9	540 00	450 00	60 00	50 00	990 00	1,353 64	.....	.....
9.5	95	1,100 00	5,517 24	115 79	58 07	6,617 24	10,223 34	58	585 49
.....	81	.....	3,528 00	.....	43 55	3,528 00	5,156 45	16	176 14
36	201	2,822 50	9,254 00	78 40	46 04	12,076 50	20,787 89	18	216 00
10	30	850 00	1,400 00	85 00	46 66	2,250 00	3,463 98	1	.....
9	9	630 00	405 00	70 00	45 00	1,035 00	1,393 15	1	13 50
9	36	675 00	1,822 50	75 00	50 62	2,497 50	3,115 63	13	260 00
12	68	1,080 00	3,625 00	90 00	53 30	4,705 00	6,628 94	73	1,282 25
28.5	285	3,370 00	15,621 35	118 25	54 81	18,991 35	34,724 32	63	1,348 48
9	9	585 00	450 00	65 00	50 00	1,035 00	1,493 59	6	76 79
9.5	38	1,000 00	2,090 00	105 26	55 00	3,090 00	3,831 92	38	767 96
40	96.5	3,250 00	5,502 50	81 25	57 02	8,752 50	14,670 88	10	.....
9	36	716 00	1,935 00	79 55	53 75	2,651 00	3,973 91	27	657 23
10	20	775 00	1,050 00	77 50	52 50	1,825 00	2,589 28	21	218 20
9	9	633 75	450 00	70 41	50 00	1,083 75	1,446 66	17	300 00
16	74	1,600 00	4,180 00	100 00	56 49	5,780 00	7,546 91	17	231 75
28.5	142.5	3,000 00	8,425 00	70 00	55 00	11,425 00	15,280 75	58	896 14
19	66.5	1,647 48	2,968 75	86 70	44 64	4,616 23	6,265 13	30	582 75
18	9	1,249 97	495 00	69 44	55 00	1,744 97	2,400 18	10	84 00
9	54	1,100 00	2,680 00	122 22	49 63	3,780 00	5,018 17	14	190 00
.....	9	.....	450 00	.....	50 00	450 00	623 36	2	.....
9.5	114	1,350 00	6,451 51	142 10	56 58	7,801 51	10,846 54	36	575 70
47	266	5,450 00	15,373 50	115 96	57 79	20,823 50	31,255 55	55	960 81
10	130	1,200 00	6,808 75	120 00	52 13	8,008 75	13,311 41	2	.....
123.5	541.5	14,802 00	33,012 79	119 85	60 96	47,814 79	73,010 91	142	3,044 30
10	119	1,100 00	6,293 75	110 00	52 89	7,393 75	10,980 48	11	225 00
9	27	720 00	1,350 00	80 00	50 00	2,070 00	2,973 35	19	326 50
18	36	1,275 00	1,218 65	70 83	33 85	2,493 65	3,369 17	3	27 00
9	9	630 00	360 00	70 00	40 00	990 00	1,721 09	4	12 00
9	36	900 00	1,957 50	100 00	54 38	2,857 50	3,814 13	51	1,007 00
.....	27	.....	1,485 00	.....	55 00	1,485 00	2,218 29	13	119 50

TABLE XVI

Districts	Counties	Number of children between 5 and 20 years of age	Number of children that attended school during the year	Number of days school	Percentage of attendance	Estimated value of school property	Total indebtedness	Number of teachers employed	
								Men	Women
Tyre	Sanilac	107	86	180	70	$3,000			2
Ubly	Huron	217	175	197	94	6,000		1	3
Union City	Branch	354	320	188	83	25,000		4	11
Unionville	Tuscola	240	145	200	89	10,000		1	4
Utica	Macomb	245	147	200	93	20,000	$10,235 00	1	5
Vandalia	Cass	121	128	176	96	10,000	600 00	1	6
Vanderbilt	Otsego	163	145	180	96	4,000		2	6
Vassar	Tuscola	510	422	194	99	2,500	3,450 00	1	13
Vermontville	Eaton	155	132	182	98	15,000	1,450 00	2	4
Vernon	Shiawassee	121	113	197	97	8,000		1	4
Vestaburg	Montcalm	91	94	180	94	8,500	5,000 00	2	1
Vicksburg	Kalamazoo	353	302	180	94	50,000	20,048 97	4	11
Vriesland	Ottawa	104	69	190	46	3,500		1	1
Wacousta	Clinton	81	68	180	87	1,000	8,000 00	1	3
Wakefield Tp	Gogebic	1,231	1,086	162	91	150,000	59,000 00	6	28
Waldron	Hillsdale	147	139	180	88	10,000		1	5
Walker Tp. 11	Kent	296	208	186	86	5,000		1	4
Warren	Macomb	102	67	180	75	2,000		1	1
Warren Tp. 3	Macomb	101	49	180	88	2,500		1	1
Washington Tp. 4 fr	Sanilac	88	75	200	87	1,500		1	
Washington Tp. 12 fr	Macomb	99	64	200	91	2,600	10,000 00	1	1
Watersmeet Tp	Gogebic	79	62	196	83	6,950		1	5
Watervliet	Berrien	367	359	174	95	15,000		2	9
Wayland	Allegan	207	184	175	86	10,000		2	5
Wayne	Wayne	474	409	197	63	40,000	3,000 00	1	15
Webberville	Ingham	151	123	198	72	10,000	4,190 00	1	5
Weidman	Isabella	166	142	180	87	7,000		1	3
West Branch	Ogemaw	453	426	176	94	40,000	31,000 00	2	10
Wheeler	Gratiot	109	107	180	83	4,000	1,200 00		3
White Cloud	Newaygo	215	219	169	96	6,000		1	5
Whitehall	Muskegon	362	317	190	96	36,000	5,000 00	1	11
White Pigeon	St. Joseph	160	135	180	91	12,000		1	7
Whittemore	Iosco	129	113	200	68	5,000		1	1
Williamston	Ingham	299	214	196	87	35,000		3	10
Winsor Tp. 1	Huron	133	98	180	85	3,000	30 00	1	2
Winsor Tp. 2	Huron	126	77	180	80	3,500			2
Winsor Tp. 6	Huron	97	62	180	74	5,000	4,200 00	1	1
Wolverine	Cheboygan	145	142	185	97	8,000		1	7
Woodland	Barry	70	53	180	92	3,000		1	2
Worth Tp. 1	Sanilac	59	52	180	65	1,500			1
Wyandotte	Wayne	2,657	1,532	179	91	150,000	64,713 00	5	35
Wyoming Tp. 4	Kent	314	213	200	89	10,000	5,000 00	1	3
Wyoming Tp. 7	Kent	753	645	200	93	30,000	29,000 00	1	10
Wyoming Tp. 9 fr	Kent	746	633	192	85	34,000	28,100 00	1	19
Yale	St. Clair	409	371	189	97	40,000	14,000 00	3	13
Ypsilanti	Washtenaw	1,648	1,094	195	95	276,631	119,450 00	7	34
Yuma	Wexford	76	69	180	85	3,000			2
Zeeland	Ottawa	828	494	198	98	30,000	9,000 00	2	18
Zeeland Tp. 4 fr	Ottawa	97	66	200	95	2,000		1	1
Zutphen	Ottawa	119	72	178	91	2,500			2

—*Concluded*

Aggregate number of months taught by all teachers		Total salaries of teachers for the year		Average monthly salary of teachers		Amount paid for superintendence and instruction	Total cost of schools	Number of nonresident pupils	Tuition received from nonresident pupils
Men	Women	Men	Women	Men	Women				
.....	18	.....	$1,080 00	.....	$60 00	$1,080 00	$1,478 03	1	.....
10	30	$866 25	1,400 00	$86 62	46 67	2,266 25	3,259 56	11	$103 84
38	95	3,545 00	5,950 00	93 29	62 63	9,495 00	12,307 52	59	1,251 54
10	40	1,000 00	1,990 00	100 00	49 75	2,990 00	3,949 87	10	272 00
10	50	950 00	2,675 00	95 00	53 50	3,625 00	6,068 60	27	339 90
9	36	945 00	1,890 00	105 00	52 50	2,835 00	4,285 80	28	476 00
18	40.5	1,195 00	2,114 93	66 39	52 22	3,309 93	4,476 91	6	125 00
10	130	1,300 00	6,400 00	130 00	49 23	7,700 00	10,668 35	28	504 80
19	38	1,497 50	2,172 50	78 81	57 16	3,670 00	7,106 46	39	998 90
10	40	1,000 00	2,000 00	100 00	50 00	3,000 00	3,646 00	3	46 50
18	9	1,035 00	405 00	57 50	45 00	1,440 00	2,222 42	24	327 75
36	99	3,515 00	5,085 00	97 63	51 36	8,600 00	14,185 93	52	1,059 29
9.5	9.5	665 00	380 00	70 00	40 00	1,045 00	1,432 40	.....	.....
9	18	720 00	900 00	80 00	50 00	1,620 00	4,949 75	18	355 00
56	263	7,075 00	16,365 00	126 25	62 03	23,440 00	104,749 68	8	.....
9	36	900 00	1,845 00	100 00	51 25	2,745 00	3,677 15	40	761 25
9.5	38	855 00	1,995 24	90 00	52 50	2,850 24	4,299 43	2	14 40
7.5	9	525 00	450 00	70 00	50 00	975 00	1,315 48	.....	.....
9	9	585 00	495 00	65 00	55 00	1,080 00	1,364 06	2	8 00
10	.....	800 00	.....	80 00	.....	800 00	1,051 53	2	.....
10	10	750 00	500 00	75 00	52 50	1,250 00	3,019 41	10	83 00
10	40	1,100 00	2,120 00	110 00	53 00	3,220 00	8,262 47	.....	.....
18	81	2,300 00	4,486 50	127 78	55 39	6,786 50	9,066 78	51	882 04
18	45	1,652 50	2,592 00	91 80	57 60	4,244 50	5,619 54	68	1,091 60
10	110	1,300 00	6,454 92	130 00	58 68	7,754 92	14,433 97	83	1,660 02
10	40	900 00	2,042 50	90 00	51 06	2,942 50	4,918 38	16	175 74
9	27	720 00	1,437 50	80 00	53 24	2,157 50	2,914 52	9	124 00
19	95	1,567 50	5,035 00	83 50	53 00	6,602 50	12,679 36	48	763 75
.....	27	.....	1,440 00	.....	53 33	1,440 00	2,315 21	.....	.....
9	45	900 00	2,182 50	100 00	48 50	3,082 50	4,579 39	16	300 00
9.5	104.5	1,100 00	5,557 50	115 79	53 18	6,657 50	9,125 31	14	284 00
9	63	1,099 98	3,164 94	122 22	50 24	4,264 92	5,762 38	20	394 50
10	10	700 00	435 00	70 00	43 50	1,135 00	1,702 54	.....	.....
30	100	2,400 00	5,386 25	80 00	53 86	7,786 25	10,130 52	82	1,236 65
8	18	630 00	1,035 00	78 50	57 50	1,665 00	2,085 00	5	7 00
.....	18	.....	900 00	.....	50 00	900 00	1,508 28	4	.....
9	9	522 00	405 00	58 00	45 00	927 00	1,622 25	.....	.....
9.5	65	975 00	3,562 50	102 63	54 80	4 537 50	6,113 18	22	400 25
9	18	700 00	900 00	77 78	50 00	1,600 00	2,308 78	24	433 75
.....	9	.....	540 00	.....	60 00	540 00	709 90	.....	.....
50	350	6,850 00	24,979 76	137 00	71 37	31,829 76	49,136 68	53	1,050 35
10	30	750 00	1,575 00	75 00	52 50	2,325 00	3,526 58	1	7 85
10	99.5	1,050 00	4,925 00	105 00	49 50	5,975 00	11,429 91	3	.....
10	160	1,650 00	10,105 00	165 00	63 15	11,755 00	16,110 88	60	1,823 01
19	114	2,050 00	6,086 75	107 89	53 39	8,136 75	12,387 20	58	1,819 47
60	340	8,981 33	24,690 00	149 69	72 62	33,671 33	173,261 46	84	1,605 50
.....	18	.....	945 00	.....	52 50	945 00	1,812 20	1	8 00
20	180	2,200 00	9,765 38	110 00	54 24	11,965 38	17,462 09	56	1,040 62
10	10	700 00	450 00	70 00	45 00	1,150 00	1,501 42	3	50 00
.....	18	.....	1,062 00	.....	59 00	1,062 00	1,619 96	3	.....

TABLE XVII—*Continued*

Incorporated cities	School population from township clerk's reports	Enrollment					Average number belonging					Average daily attendance					Percentage of attendance				
		High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school
Menominee	3,508	395	869	959	185	2,408	362	748	802	149	2,061	349	720	775	134	1,978	96	95	95	90	94
Midland	1,046	211	462	571	.....	1,244	178	301	370	.....	849	167	285	342	.....	794	94	95	92	.....	93
Monroe	2,273	297	394	606	89	1,386	269	332	497	69	1,167	262	319	466	64	1,111	97	96	93	93	95
Mt. Clemens	2,302	211	524	677	178	1,590	185	407	507	111	1,210	179	391	480	98	1,148	96	95	95	88	94
Mt. Pleasant	1,147	222	190	249	45	706	208	137	169	29	543	200	134	158	24	516	97	98	93	86	95
Munising	1,313	120	220	455	.....	795	111	218	354	.....	683	106	203	330	.....	639	95	93	93	.....	93
Muskegon	7,487	764	2,042	2,341	517	5,664	640	1,635	1,731	388	4,394	612	1,580	1,663	359	4,214	95	96	96	92	95
Muskegon Heights	1,258	100	268	437	190	995	84	183	439	124	830	78	182	388	115	763	93	93	92	90	92
Negaunee	3,055	305	501	857	165	1,828	262	444	750	120	1,576	248	416	713	107	1,484	94	53	95	89	90
Niles	1,313	171	397	635	.....	1,203	156	345	532	.....	1,033	153	336	502	.....	991	98	97	96	.....	95
North Muskegon	126	.....	48	49	.....	97	.....	48	49	.....	97	.....	36	36	.....	72	.....	94	81	.....	87
Norway	1,690	187	543	633	89	1,452	175	503	599	86	1,363	170	495	588	81	1,334	97	98	98	95	97
Omer	168	15	32	33	45	125	12	28	31	37	108	11	27	28	27	93	90	80	83	75	82
Onaway	1,119	212	147	210	102	671	200	130	200	96	626	185	124	180	67	556	96	94	90	85	91
†Owosso	2,682	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petoskey	1,553	396	563	707	271	1,937	334	254	371	125	1,084	324	243	352	108	1,027	97	96	95	86	95
†Pontiac	4,242	.....	.....	.....	.....	3,822	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Huron	6,500	554	1,154	1,787	.....	3,495	531	1,084	1,601	.....	3,216	512	1,034	1,581	.....	3,127	95	97	96	.....	96
Rose City	214	27	77	123	.....	227	25	67	102	.....	194	23	59	86	.....	168	89	87	84	.....	87
Saginaw, E. S.	8,823	868	1,960	2,983	.....	5,811	741	1,546	1,941	.....	4,228	710	1,497	1,870	.....	4,077	95	96	96	.....	96
Saginaw, W. S.	6,770	635	1,339	2,137	189	4,300	504	1,100	1,660	93	3,357	489	1,058	1,588	80	3,215	98	96	95	86	95
St. Clair	709	103	173	224	.....	500	94	159	182	.....	435	93	154	175	.....	422	98	97	95	.....	97
St. Ignace	617	69	113	228	.....	410	66	108	192	.....	366	64	103	180	.....	347	96	95	90	.....	93
St. Johns	790	202	222	514	.....	938	184	142	336	.....	662	160	138	322	.....	620	94	97	96	.....	95
St. Joseph	1,711	192	346	433	96	1,067	187	308	386	90	971	181	298	374	77	930	97	97	93	80	90
St. Louis	638	151	286	465	.....	902	129	196	192	.....	517	124	191	178	.....	493	96	98	92	.....	95
Sandusky	351	100	101	173	68	442	88	90	124	45	347	80	77	112	36	305	90	86	91	79	88
Sault Ste. Marie	3,632	457	1,006	1,083	320	2,866	401	837	819	218	2,275	388	826	778	194	2,186	95	97	96	93	95
Scottville	356	131	123	159	.....	413	119	109	149	.....	377	114	100	143	.....	357	96	93	96	.....	95
South Haven	1,049	298	340	441	.....	1,079	275	261	382	.....	918	265	248	351	.....	864	96	95	91	.....	94

Standish	358	112	125	136	.....	373	106	122	121	.....	349	91	105	106	.....	302	90	86	87	....	88
Stanton	313	77	60	146	.....	283	65	76	116	.....	257	61	68	97	.....	226	90	94	90	....	91
Sturgis	1,275	183	335	610	96	1,224	170	287	445	69	971	162	270	415	62	909	90	93	93	89	93
†Tawas City	403	.....	.....	.....	.....	240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Rivers	994	206	292	346	106	950	179	257	305	84	825	178	253	289	76	796	99	98	94	92	96
Traverse City	2,637	516	1,080	1,209	227	3,032	442	654	675	120	1,891	426	632	645	112	1,815	96	96	95	93	96
†West Branch	453	.....	.....	.....	.....	426	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whittemore	129	9	35	69	.....	113	7	30	57	.....	94	6	29	48	.....	83	90	90	83	....	86
Wyandotte	2,657	342	221	769	.....	1,332	262	193	552	.....	1,007	249	183	507	.....	939	94	94	90	....	92
Yale	409	123	110	148	43	424	112	101	125	35	373	108	98	120	33	359	97	97	96	94	97
Ypsilanti	1,648	320	379	503	.....	1,202	302	313	400	.....	1,015	291	299	379	.....	969	96	95	94	....	95
Zeeland	825	129	167	221	58	575	117	155	219	54	545	115	147	212	48	522	98	95	97	89	95

TABLE XVII—*Continued*

Incorporated villages	School population from township clerk's reports	Enrollment					Average number belonging					Average daily attendance					Percentage of attendance				
		High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school
Totals for villages	114,967	20,189	28,466	35,683	5,963	90,301	18,453	25,162	30,098	4,574	78,287	17,320	22,993	27,095	3,980	71,388	93	92	89	87	90
Addison	170	98	55	57		210	88	50	50		188	87	45	47		179	98	92	95		95
*Ahmeek	1,792																				
Akron	187	66	110	59		235	57	86	39		182	51	77	33		161	90	89	85		88
Alanson	204	26	63	121		210	23	80	70		173	21	72	64		157	96	89	89		92
Algonac	497	52	134	187	20	393	40	136	201	21	398	36	109	161	20	326	90	80	80	95	85
Almont	248	57	83	113		253	53	78	96		227	49	69	73		191	92	88	76		85
*Alpha																					
Applegate	79		49	31		80		40	39		79		34	23		57		84	60		72
Armada	198	64	66	104		234	62	62	96		220	58	57	86		201	94	92	89		91
Ashley	225	38	43	79	88	248	36	40	79	72	227	34	30	48	57	169	90	70	61	75	74
Athens	175	77	69	57		203	71	65	51		187	69	64	48		181	95	97	89		94
*Atlanta	289																				
Augusta	141	51	42	68		161	45	39	64		148	44	37	63		144	97	95	98		97
Baldwin	139	11	30	41	37	119	11	30	35	30	106	9	27	31	26	93	90	92	93	92	91
Bancroft	143	31	47	50		128	31	45	43		119	29	44	35		108	93	97	82		90
Bangor	377	157	150	102	53	462	134	126	86	45	391	130	118	78	43	369	96	93	91	95	94
†Baraga	1,409																				
Barods	191	30	53	52	52	187	25	46	42	43	156	23	43	39	41	146	92	92	94	95	93
Barryton	162	37	63	30	38	168	35	61	26	31	153	33	57	23	28	141	90	93	85	81	85
Bear Lake	160	83	49	71		203	77	42	62		181	75	40	60		175	98	96	95		96
Bellaire	260	83	75	139		297	75	65	105		245	73	62	101		236	96	96	96		96
Belleville	163	70	32	80	28	210	65	28	71	23	187	63	24	65	20	172	92	86	83	88	87
Bellevue	260	79	73	117		269	77	73	118		268	76	70	110		256	98	96	93		95
Benzonia	302	71	86	158		315	64	84	111		259	61	81	102		244	94	95	92		93
Berrien Springs	267	78	71	105		254	61	57	84		202	59	56	77		192	97	98	92		96
Birmingham	677	143	233	205	72	653	118	173	173	43	507	114	163	161	38	476	96	94	93	88	93
Blissfield Tp. 1 fr	185		30	88		118		30	88		118		28	81		109		93	94		93
Blissfield Tp. 2 fr	327	120	79	126	45	370	114	70	103	29	316	109	67	98	27	301	96	94	95	91	95
Bloomingdale	168	81	52	89		222	76	48	85		209	67	40	68		175	88	83	80		84
Boardman	134	14	47	77		138	13	41	61		115	12	40	57		109	92	94	91		95

Boyne Falls	160	26	37	48		111	21	27	35		83	20	25	32		77	91	95	90		92
Breckenridge	206	43	77	114		234	38	66	88		194	36	63	84		183	93	82	95		90
Breedsville	100	16	35	33		84	15	31	27		73	14	28	23		65	89	89	85		88
Brighton	168	61	80	71		212	55	73	52		180	54	71	49		174	96	97	93		95
†Brimley	140																				
Britton	126	76	41	45		162	71	33	39		143	65	31	38		134	93	95	97		95
Bronson	280	78	83	73		234	74	75	60		209	70	67	56		193	95	95	93		94
Brooklyn	164	92	34	50	40	216	83	33	48	35	199	80	29	44	29	182	97	91	92	84	91
Buchanan	556	95	158	278		531	82	135	207		424	79	123	194		401	96	94	93		94
†Buckley	217																				
Burlington	83	12	23	31		66	12	23	27		62	10	21	25		56	90	90	92		90
Burr Oak	175	55	61	72	12	200	55	61	70	12	198	48	55	57	10	170	89	90	82	80	84
Byron	106	52	41	51		144	44	36	42		122	40	34	36		110	90	94	85		90
Caledonia	151	42	16	48	51	157	38	15	46	40	139	34	14	43	34	125	94	94	92	84	91
Camden	104	61	37	57		155	59	35	55		149	55	30	43		128	93	85	79		83
Capac	212	66	60	107		233	59	52	91		202	56	50	87		193	96	96	96		96
Carleton	149	42	47	63		152	38	44	53		135	35	40	46		121	92	90	86		90
Caro	694	151	256	269	101	777	130	203	197	71	601	126	197	184	65	572	97	96	93	91	94
Carson City	237	108	62	79	28	277	97	52	56	15	220	93	49	49	13	204	96	94	86	82	92
†Carsonville	147																				
Caseville	203	38	58	70		166	35	54	69		158	29	45	52		126	76	75	75		75
Casnovia	125	35	53	34	13	135	32	45	28	12	117	29	43	25	10	107	95	95	91	81	90
Cass City	382	116	108	122	52	398	110	97	103	34	344	103	78	117	30	328	94	94	93	88	92
Cassopolis	339	109	102	151		362	106	95	139		340	96	80	111		287	90	83	79		85
Cedar Springs	271	98	105	140		343	95	85	116		296	93	82	112		287	97	97	97		97
Central Lake	231	75	95	89		259	68	91	67		226	66	88	62		216	92	92	80		85
Centreville	145	56	49	56		161	55	48	55		158	54	47	54		155	98	98	98		98
Chelsea	498	128	107	172		407	113	95	142		350	110	90	131		331	97	95	92		94
Chesaning	425	85	106	139	23	353	81	98	109	17	305	75	95	107	16	293	91	97	98	88	95
Clarkston	128	42	36	64		142	40	35	60		135	38	31	55		124	95	89	91		92
†Clayton	94																				
*Clifford	108																				
Climax	134	50	60	25		135	47	57	25		129	45	55	22		122	90	93	89		92
Clinton	187	69	58	82		209	61	51	75		187	59	49	72		180	96	97	95		96
Clio	280	87	90	160		337	78	91	113		282	75	83	106		264	94	89	90		91
†Coloma	215																				
Colon	254	85	78	89	21	273	82	69	79	16	246	80	68	74	13	235	98	97	93	79	92
Columbiaville	107	35	35	50		120	33	35	50		118	30	32	42		104	90	91	89		90
Concord	120	37	47	54		138	31	43	44		118	28	41	41		110	93	94	91		93
Constantine	236	77	76	101	16	270	75	58	78	14	225	72	56	75	13	216	97	97	94	93	96
Coopersville	233	113	87	93		293	103	84	87		274	99	81	83		263	94	96	91		93
Copemish	147	25	45	49		119	18	15	86		119	17	13	79		109	95	90	90		91
Custer	94	18	32	36		86	16	32	34		82	15	30	32		77	90	90	90		90
*Daggett																					
Dansville	99	25	12	43	29	109	25	12	43	29	109	24	11	32	26	93	90	90	85	86	88

TABLE XVII—*Continued*

Incorporated villages	School population from township clerk's reports	Enrollment					Average number belonging					Average daily attendance					Percentage of attendance				
		High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school
Davison	178	67	47	73	.....	187	55	43	58	.....	156	50	41	54	.....	145	92	90	87	....	90
Dearborn	487	77	119	211	.....	407	71	112	155	.....	338	69	100	136	.....	305	97	89	87	....	91
Decatur	399	104	153	196	.....	453	99	134	170	.....	403	94	124	152	.....	370	95	92	89	....	91
†Deckerville	241	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Deerfield	167	45	21	82	.....	148	40	19	73	.....	132	38	18	58	.....	114	84	85	82	....	84
†Detour	328	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dexter	163	79	58	61	.....	198	67	55	54	.....	176	65	48	49	.....	162	97	88	90	....	92
Dimondale	89	27	48	34	.....	109	25	43	26	.....	94	24	42	23	.....	89	96	97	89	....	94
Douglas	153	28	22	33	40	123	26	33	20	31	110	24	30	18	28	100	94	93	82	72	85
†Dryden	143	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dundee	267	98	70	88	49	305	84	64	76	32	256	81	58	69	28	236	96	93	93	88	92
Durand	734	120	240	365	63	788	105	198	265	43	611	101	190	258	40	589	96	96	97	91	95
*Eagle	347	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Grand Rapids	259	.....	83	118	.....	201	.....	70	106	.....	176	.....	64	95	.....	159	....	91	85	....	87
†East Lake	417	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
†Eau Claire	162	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ecorse	815	12	136	238	60	446	5	123	209	52	389	4	115	194	40	353	93	92	90	76	85
Edmore	324	55	141	143	.....	339	48	120	100	.....	268	47	112	93	.....	252	97	93	93	....	93
Edwardsburg	109	48	31	41	.....	120	43	27	34	.....	104	40	26	33	.....	99	95	96	95	....	95
*Elberta	216	48	93	42	.....	183	46	88	30	.....	164	42	86	27	.....	155	90	94	95	....	93
Elk Rapids	269	99	79	106	.....	284	98	65	85	.....	248	94	63	80	.....	237	96	97	94	....	95
Elkton	254	52	69	121	.....	242	49	64	116	.....	229	44	59	89	.....	192	95	87	76	....	86
Elsie	194	82	85	91	.....	258	79	71	89	.....	239	77	68	84	.....	229	98	95	94	....	95
*Emmett	265	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Empire	174	52	39	27	70	188	58	34	27	67	186	53	31	24	60	168	88	89	91	85	86
Essexville	456	.....	.....	.....	.....	.....	30	25	70	.....	125	26	21	57	.....	104	85	85	80	....	83
†Evart	395	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairgrove	150	36	40	50	44	170	19	32	35	37	123	18	29	33	30	110	93	89	94	93	92
Farmington	197	46	54	109	.....	209	35	44	94	.....	173	33	36	84	.....	153	91	81	87	....	88
Farwell	203	.....	32	49	.....	81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Fennville	239	73	70	92		235	71	66	74		211	69	64	70		203	96	96	96		96
Fenton	522	139	186	246		571	131	163	195		489	128	156	188		472	97	97	96		97
Fife Lake	96	30	16	26	26	98	33	22	29	28	112	26	16	21	18	81	80	80	80	80	80
Flushing	307	108	106	122	25	361	93	90	96	17	296	89	87	92	16	284	96	95	95	91	92
*Ford																					
Forestville	83	28		36		64	28		36		64	18		27		45	64		82		75
*Fountain	228																				
†Fowler	125																				
Fowlerville	227	95	61	81		237	92	59	74		225	89	56	65		210	96	96	88		94
*Frankenmuth	613																				
Frankfort	545	118	175	201	46	542	104	139	161	28	432	101	133	148	24	406	97	95	90	85	92
*Fraser	145																				
Freeport	164	35	43	87		165	28	40	71		139	26	39	62		127	93	98	94		95
Freesoil	145	29	60	61		150	27	41	56		124	25	39	44		108	90	82	73		81
Fruitport	102	17	27	33		77	17	26	28		71	16	24	26		66	91	93	91		91
Gagetown	238	43	54	41		138	42	54	41		137	31	40	31		102	87	88	85		86
Gaines	99	28	45	54		127	24	40	39		103	20	32	36		88	95	92	94		93
Galesburg	164	37	61	90		188	34	58	71		163	32	55	67		154	93	95	93		94
Galien	141	52	23	100		175	50	20	90		160	49	18	84		151	98	90	93		94
*Garden	356																				
Gaylord	455	116	112	162	45	435	95	96	126	34	351	90	92	121	32	335	95	96	96	94	95
Goblesville	187	58	64	75		197	55	58	62		175	51	57	56		164	95	93	91		92
Grandville	356	78	120	129	36	363	78	116	115	32	341	67	102	90	22	281	95	93	89	85	90
Grant	190	74	76	65		215	68	65	65		198	65	61	62		188	95	92	95		93
Grass Lake	241	89	84	80		253	79	73	70		222	75	70	65		210	97	95	95		95
Grayling	754	79	206	361		646	62	184	280		526	60	172	258		490	97	94	92		93
Grosse Pointe	505		137	171		308		98	121		219		94	112		206		92	91		92
*Grosse Pointe Farms	316																				
*Grosse Pointe Park																					
*Grosse Pointe Shores	106																				
Hamtramck	5,305	32	409	1,813	261	2,515	25	476	1,132	135	1,768	23	454	1,045	125	1,647	95	95	92	95	94
Hanover	109	49	36	43		128	49	35	39		123	47	34	35		116	96	96	95		95
Harbor Springs	1,071	201	156	185	50	592	176	136	172	43	527	168	133	166	42	509	98	97	96	95	96
Harrietta	94						14	35	24		73	13	28	21		62	91	89	84		88
Hart	532	196	179	216	43	634	185	157	181	30	553	168	150	173	28	519	90	95	95	90	93
Hartford	371	141	143	116	34	434	126	115	97	21	359	120	110	93	19	342	94	94	95	95	95
Hersey	121	43	18	36	28	125	40	17	35	26	118	38	16	31	19	104	95	95	95	73	88
Hesperia	174	64	53	75		192	61	50	61		172	60	47	56		163	93	92	92		92
Highland Park	5,167	1,113	3,730	566		5,409	875	2,798	285		3,958	795	2,384	209		3,388	94	89	78		88
†Hillman	331																				
*Hilltop																					
Holly	424	126	109	171		406	121	102	132		355	115	99	124		338	95	94	93		94
Homer	241	88	112	97		297	81	96	74		251	79	91	70		240	95	95	95		95
Honor	230	51	49	77	36	213	47	46	72	33	198	42	42	67	30	181	93	95	87	95	93
Houghton	2,949	372	874	1,191	328	2,765	341	565	794	269	1,969	330	523	712	241	1,806	96	92	89	89	92

TABLE XVII—*Continued*

Incorporated villages	School population from township clerk's reports	Enrollment					Average number belonging					Average daily attendance					Percentage of attendance				
		High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school
Howard City	284	73	74	125	20	292	60	64	120	18	271	60	61	117	17	255	87	85	96	90	89
Hubbardston	125	31	33	24	.....	88	25	25	19	.....	69	24	24	17	.....	65	90	90	84	....	89
‡Hubbell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Imlay City	325	98	79	119	25	321	88	74	109	24	295	87	71	99	23	280	97	96	95	90	94
Iron River	1,694	152	399	751	117	1,419	139	375	723	103	1,340	123	337	632	83	1,175	88	89	87	80	87
Ithaca	524	198	172	176	50	596	171	150	159	30	510	167	146	149	27	489	97	97	94	89	94
Kalkaska	275	87	83	125	31	326	81	75	84	20	260	71	65	79	18	233	95	87	84	86	88
Kent City	159	52	53	82	.....	187	56	55	85	.....	196	54	43	77	.....	174	94	85	91	....	90
Kinde	209	24	73	106	.....	203	21	68	76	.....	165	18	55	66	.....	139	86	78	85	....	83
Kingsley	158	54	71	63	.....	188	49	58	50	.....	157	46	54	44	.....	144	92	94	86	....	91
Kingston	150	53	20	39	36	148	53	20	39	36	148	40	17	28	23	108	87	85	83	62	80
Laingsburg	208	78	67	80	.....	225	68	61	68	.....	197	59	59	63	.....	181	83	90	90	....	88
†Lake Ann	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake City	255	100	90	110	.....	300	90	81	98	.....	269	82	78	90	.....	250	82	78	90	....	83
Lake Linden	1,923	165	210	385	.....	760	153	200	354	.....	707	149	192	329	.....	670	97	96	91	....	95
Lake Odessa	348	91	102	153	.....	346	83	96	120	.....	299	81	90	110	.....	281	96	96	92	....	94
†Lakeview	299	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
L'Anse	701	50	161	265	62	538	46	149	220	42	457	44	138	201	38	421	93	91	91	90	91
§Laurium	7,490	1,236	2,169	2,170	462	6,037	1,099	2,167	2,167	454	5,887	1,021	1,871	1,851	390	5,133	94	94	94	94	94
Lawrence	200	85	30	96	.....	211	83	30	87	.....	200	77	28	80	.....	185	92	95	92	....	93
†Lawton	253	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
†Leonard	138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LeRoy	155	42	55	62	.....	159	38	52	50	.....	140	35	47	45	.....	127	93	90	90	....	90
Leslie	249	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lexington	135	32	29	65	.....	126	28	27	62	.....	117	26	25	54	.....	105	84	87	84	....	85
*Lincoln	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Linden	154	80	40	33	50	203	67	40	30	36	173	65	31	25	29	150	84	88	85	93	88
Lisbon	87	24	.....	21	.....	45	20	.....	18	.....	38	17	.....	17	.....	34	88	....	93	....	90
Litchfield	185	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowell	473	172	180	111	40	503	161	172	103	34	470	130	154	91	29	404	80	90	90	85	85

Luther	220	40	55	80		175	35	50	72		157	30	48	62		140	75	87	77		80
Lyons	165	36	49	60		145	35	47	57		139	33	43	47		123	96	91	92		92
Mackinaw City	189	34	45	107		186	34	45	107		186	31	36	86		153	90	84	82		88
Mancelona	551	107	60	295	113	575	99	55	231	62	447	95	52	217	54	418	96	94	94	87	93
†Manchester	266																				
Manton	302	99	98	158	35	390	83	83	119	20	305	78	80	100	19	277	94	95	83	96	92
Maple Rapids	139	50	25	42	44	161	45	22	37	36	140	43	21	35	33	132	95	96	95	92	94
Marcellus	214	120	73	81	24	298	116	65	70	20	271	112	60	65	18	255	97	97	95	95	96
Marion	348	60	84	164		308	60	92	164		316	57	78	149		284	94	91	89		92
*Marlborough																					
Marlette	354	116	110	127	51	404	107	95	108	29	339	100	87	100	25	312	93	92	97	80	92
*Maybee	137																				
Mayville	223	71	58	113		242	61	54	103		218	58	48	83		189	95	95	76		89
McBride	135	20	41	50		111	20	41	40		101	18	32	35		85	90	86	90		88
Mecosta	90	21	31	38		90	20	26	33		79	19	24	26		69	91	91	80		87
*Melvin	84																				
Memphis	189	60	56	81		197	52	52	76		180	49	50	72		171	95	96	95		95
Mendon	190	60	56	53	27	196	54	56	48	22	180	52	54	45	21	172	97	96	95	94	96
Merrill	212	29	41	37		107	23	41	33		99	23	35	26		84	92	90	84		88
Mesick	181	57	52	44	32	185	53	46	35	25	159	50	39	32	23	144	93	92	91	90	91
Metamora	99	18	36	56		110	15	35	50		100	14	32	45		91	94	94	88		92
Middleville	246	107	81	94		282	100	73	91		264	94	68	85		247	93	92	95		93
*Mikado	232																				
Milan	428	110	128	226		464	105	109	181		395	100	104	171		375	95	96	93		94
Milford	217	94	83	108		285	89	72	82		243	84	68	79		231	95	95	94		95
Millersburg	139	60	38	38		136	42	37	36		115	38	34	33		105	91	91	91		91
Millington	241	102	76	102		280	91	65	90		246	87	61	83		231	92	94	92		92
Minden City	148	28	41	45		114	27	35	40		102	26	33	33		92	92	86	82		88
Montague	199	51	80	82		213	48	65	71		184	46	62	68		176	90	91	93		92
†Montgomery	140																				
Montrose	159	41	44	46	68	199	36	40	37	45	158	34	37	34	39	144	93	90	92	87	90
Morenci	360	123	133	186		442	112	114	161		387	110	110	153		373	97	97	95		95
Morley	140	43	59	37		139	37	48	25		110	33	43	20		96	88	85	74		82
†Morrice	111																				
Mt. Morris	261	49	96	59		204	49	86	56		191	42	80	52		174	85	93	93		90
Muir	98																				
†Mulliken	107																				
Nashville	320	115	85	116	31	347	102	76	112	29	319	97	72	108	26	303	96	94	96	96	96
Newaygo	410	68	132	115	27	372	58	112	120	16	306	52	108	110	14	284	89	91	91	89	90
New Baltimore	221	55	63	115		233	44	54	98		196	42	51	93		186	93	94	95		94
*Newberry	823	137	216	308	86	747	125	185	277	78	665	122	169	241	62	594	97	96	94	88	94
New Buffalo	172	17	26	50	49	142	15	25	43	40	123	14	24	41	36	115	95	94	94	88	92
New Haven	147	29	35	60		124	26	30	52		108	24	26	42		92	91	90	88		89
North Adams	108	65	46	45		156	54	43	40		137	53	39	34		126	99	93	86		92
North Branch	224	82	89	83		254	82	89	83		254	73	81	72		226	89	91	86		88

TABLE XVII—*Continued*

Incorporated village	School population from township clerk's reports	Enrollment					Average number belonging					Average daily attendance					Percentage of attendance				
		High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school
Northport	229	47	61	113	....	221	45	56	95	.....	196	41	50	86	.....	177	95	90	90	....	91
Northville	459		113	560	377	1,050	....	80	303	199	582	.....	66	266	164	496	....	82	87	82	84
Oaklet	66		10	46	.....	56	....	10	41	.....	51	.....	9	33	.....	42	....	88	86	....	86
*Oakwood	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Olivet	182	54	64	83	....	201	46	57	62	.....	165	45	55	57	.....	157	99	96	90	....	96
Onekama	142	48	55	38	....	141	46	49	35	.....	130	42	43	32	.....	117	92	89	92	....	91
†Orient	126	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
†Ortonagor	910	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orion	210	52	67	104	....	223	46	55	81	.....	182	44	52	76	.....	172	96	96	92	....	95
Ortonville	147	32	29	48	48	157	31	25	45	50	151	29	24	42	47	142	93	94	93	93	93
Oscoda	214	30	40	84	17	171	26	30	82	14	158	23	31	78	13	147	98	86	95	92	93
Otisco	191	42	61	85	....	188	40	57	67	.....	164	38	54	59	.....	151	95	95	88	....	93
Otsego	792	123	219	348	....	690	112	196	286	.....	594	108	188	257	.....	553	96	95	89	....	92
Otter Lake	91	12	24	36	....	72	12	24	36	....	72	11	22	34	....	67	81	90	90	....	86
Ovid	309	117	114	129	....	357	106	99	103	....	308	104	95	99	.....	298	98	96	95	....	96
*Owendale	224	29	50	81	82	242	23	41	55	55	176	22	32	49	39	142	93	91	87	84	88
Oxford	308	81	135	183	46	445	69	89	137	32	327	65	86	128	28	307	93	90	93	87	91
Parma	166	57	61	85	....	203	52	50	58	....	160	48	46	55	....	149	91	93	95	....	92
Paw Paw	390	126	120	151	32	429	120	104	132	24	380	114	101	123	23	361	95	96	93	91	93
†Peck	147	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pellston	281	60	112	112	44	331	58	99	90	27	274	56	91	83	22	252	97	92	92	80	91
Pentwater	274	59	92	95	29	275	57	79	86	23	245	56	73	78	18	225	98	93	91	78	91
*Perrinton	115	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
†Perry	189	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Petersburg	218	48	85	94	....	227	44	74	82	....	200	39	72	76	....	187	86	91	90	....	88
Pewamo	117	26	30	30	....	86	22	29	25	.....	76	20	26	21	.....	67	89	91	84	....	88
Pierson	100	....	44	40	....	84	....	45	41	....	86	....	41	38	....	79	....	87	89	....	88
Pigeon	325	64	59	108	52	283	60	55	98	46	259	58	51	86	40	235	96	96	94	88	94
Pinckney	122	60	53	54	....	167	57	44	41	....	142	54	41	38	.....	133	95	93	92	....	94
Pinconning	402	25	351	216	61	357	20	71	166	37	294	19	65	151	33	268	97	92	90	88	92

Plainwell	498	128	165	194	35	522	119	143	163	25	450	116	139	155	22	432	98	96	95	87	94
Plymouth	502	145	144	191	26	506	131	142	183	21	477	128	137	170	19	454	97	96	93	87	95
†Port Austin	211																				
Port Hope	150	27	29	45		101	25	24	40		89	20	23	34		77	75	93	89		86
Portland	447	115	101	170	43	429	107	97	153	37	394	100	90	140	35	365	97	96	96	94	96
†Port Sanilac	104																				
*Posen	141																				
Potterville	131	25	32	75		132	21	27	55		103	20	26	53		99	97	96	95		95
Quincy	248	97	94	110		301	89	83	99		271	85	76	91		252	95	96	93		95
Reading	224	115	80	76		271	107	67	60		234	105	64	58		227	98	95	98		97
Redford	211																				
‖Red Jacket																					
Reed City	616	108	159	198	66	531	97	135	163	48	443	94	129	152	47	422	98	95	93	89	94
Reese	209	36	53	57		146	32	40	50		122	30	38	44		112	95	94	95		94
Richland	255	53	28	27		108	49	27	25		101	48	26	24		98	97	97	94		95
Richmond	403	90	123	174	38	425	77	103	147	22	349	72	97	137	20	326	93	94	93	84	93
River Rouge	1,799	80	249	413	82	824	74	232	381	81	768	62	197	323	68	650	85	85	85	85	85
Rochester	509	76	157	281		514	70	140	239		449	63	121	219		403	97	94	94		95
Rockford	280	101	96	98		295	97	92	94		283	90	82	88		260	92	89	91		90
Rogers	654	39	152	366		557	34	135	278		447	30	130	234		394	88	95	84		89
Romeo	472	100	145	230		475	97	125	168		390	86	117	154		357	96	92	92		93
†Roscommon	120																				
Royal Oak	1,039	209	263	474		946	189	220	439		848	179	208	426		813	96	93	93		94
St. Charles	579	88	149	205	53	497	78	128	167	31	404	73	130	156	28	387	95	95	93	89	93
*St. Clair Heights	1,651																				
Saline	209	65	70	80		215	61	62	75		198	59	58	72		189	97	93	96		95
Sand Lake	146	42	35	48	44	169	39	28	38	36	141	35	25	35	31	126	90	90	92	86	89
Saranac	204	86	62	90		238	76	58	75		209	71	55	71		197	92	96	94		94
†Saugatuck	177																				
Schoolcraft	152						68	43	63		174	67	42	56		165	96	97	89		94
Sebewaing	723	42	148	199	40	429	38	111	148	29	326	36	94	129	25	284	93	90	83	94	90
Shelby	406	171	97	177	28	473	162	81	146	21	410	160	78	139	20	397	99	96	93	89	96
Shepherd	257	71	70	113		254	67	64	103		234	64	60	95		219	95	93	88		92
Sheridan	169						21	22	62	44	149	19	20	49	41	129	86	90	87	90	89
Sherman	128	16	17	36	22	91	16	17	33	18	84	15	16	29	16	76	90	90	88	85	88
Sherwood	124	31	23	36	31	121	27	18	29	24	98	25	17	27	23	92	89	87	90	95	90
*Sibley																					
South Lyon	147	64	39	52		155	55	36	47		138	52	35	44		131	95	96	94		95
*South Range																					
Sparta	444	121	125	167	35	448	113	111	144	28	396	106	103	134	25	368	96	95	95	89	92
Spring Lake	239	22	73	94	17	206	17	64	78	13	172	16	62	75	12	165	98	96	95	93	95
Springport	108	51	29	30		110	44	28	29		101	43	23	26		92	95	96	90		93
Stambaugh	1,764	104	338	880	223	1,605	91	362	744	161	1,358	86	330	668	134	1,218	95	95	93	92	94
Stanwood	254	26	41	43		110	22	33	31		86	20	31	26		77	92	93	86		90
Stephenson	997	117	298	372	82	869	115	291	369	81	856	92	261	260	56	669	80	89	70	69	78

TABLE XVII—*Continued*

Incorporated villages	School population from township clerk's reports	Enrollment					Average number belonging					Average daily attendance					Percentage of attendance				
		High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school
Northport	229	47	61	113	.....	221	45	56	95	.....	196	41	50	86	.....	177	95	90	90	....	91
Northville	459	.....	113	560	377	1,050	.....	80	303	199	582	.....	66	266	164	496	....	82	87	82	84
Oakley	66	.....	10	46	.....	56	.....	10	41	.....	51	.....	9	33	.....	42	....	88	86	....	86
*Oakwood	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Olivet	182	54	64	83	.....	201	46	57	62	.....	165	45	55	57	.....	157	99	96	90	....	96
Onekama	142	48	55	38	.....	141	46	49	35	.....	130	42	43	32	.....	117	92	89	92	....	91
†Onsted	126	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
†Ontonagon	910	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orion	216	52	67	104	.....	223	46	55	81	.....	182	44	52	76	.....	172	96	96	92	....	95
Ortonville	147	32	29	48	48	157	31	25	45	50	151	29	24	42	47	142	93	94	93	93	93
Oscoda	214	30	40	84	17	171	26	36	82	14	158	25	31	78	13	147	98	86	95	92	93
Otisville	191	42	61	85	.....	188	40	57	67	.....	164	38	54	59	.....	151	95	95	88	....	93
Otsego	792	123	219	348	.....	690	112	196	286	.....	594	108	188	257	.....	553	96	95	89	....	92
Otter Lake	91	12	24	36	.....	72	12	24	36	.....	72	11	22	34	.....	67	81	90	90	....	86
Ovid	309	117	114	126	.....	357	106	99	103	.....	308	104	95	99	.....	298	98	96	95	....	96
*Owendale	224	29	50	81	82	242	23	41	55	55	176	22	32	49	39	142	93	94	87	84	88
Oxford	308	81	135	183	46	415	69	89	137	32	327	65	86	128	28	307	93	90	93	87	91
Parma	166	57	61	85	.....	203	52	50	58	.....	160	48	46	55	.....	149	91	95	95	....	92
Paw Paw	399	126	120	151	32	429	120	104	132	24	380	114	101	123	23	381	95	96	93	91	93
†Peck	137	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pellston	281	63	112	112	44	331	58	99	90	27	274	56	91	83	22	252	97	92	92	80	91
Pentwater	274	59	92	95	29	275	57	79	86	23	245	56	73	78	18	225	98	93	91	78	91
*Perrinton	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
†Perry	189	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petersburg	248	48	85	94	.....	227	44	74	82	.....	200	39	72	76	.....	187	86	91	90	....	88
Pewamo	117	26	30	30	.....	86	22	29	25	.....	76	20	26	21	.....	67	89	91	84	....	88
Pierson	100	.....	44	40	.....	84	.....	45	41	.....	86	.....	41	38	.....	79	.....	87	89	....	88
Pigeon	325	64	59	108	52	283	60	55	98	46	259	58	51	86	40	235	96	96	94	88	94
Pinckney	122	60	53	54	.....	167	57	44	41	.....	142	54	41	38	.....	133	95	93	92	....	94
Pinconning	402	25	35	216	61	357	20	71	166	37	294	19	65	151	33	268	97	92	90	88	92

Plainwell	498	128	165	194	35	522	119	143	163	25	450	116	139	155	22	432	98	96	95	87	94
Plymouth	592	145	144	191	26	506	131	142	183	21	477	128	137	170	19	454	97	96	93	87	95
†Port Austin	211																				
Port Hope	150	27	29	45		101	25	24	40		89	20	23	34		77	75	93	89		86
Portland	447	115	101	170	43	429	107	97	153	37	394	100	90	140	35	365	97	96	96	94	96
†Port Sanilac	104																				
*Posen	141																				
Potterville	131	25	32	75		132	21	27	55		103	20	26	53		99	97	96	95		95
Quincy	248	97	94	110		301	89	83	99		271	85	76	91		252	95	96	93		95
Reading	224	115	80	76		271	107	67	60		234	105	64	58		227	98	95	98		97
Redford	211																				
‖Red Jacket																					
Reed City	616	108	159	198	66	531	97	135	163	48	443	94	129	152	47	422	98	95	93	89	94
Reese	209	36	53	57		146	32	40	50		122	30	38	44		112	95	94	95		94
Richland	255	53	28	27		108	49	27	25		101	48	26	24		98	97	97	94		95
Richmond	403	90	123	174	38	425	77	103	147	22	349	72	97	137	20	326	93	94	93	84	93
River Rouge	1,799	80	249	413	82	824	74	232	381	81	768	62	197	323	68	650	85	85	85	85	85
Rochester	509	76	157	281		514	70	140	239		449	63	121	219		403	97	94	94		95
Rockford	283	101	96	98		295	97	92	94		283	90	82	88		260	92	89	91		90
Rogers	654	39	152	366		557	34	135	278		447	30	130	234		394	88	95	84		89
Romeo	472	100	145	230		475	97	125	168		390	86	117	154		357	96	92	92		93
†Roscommon	120																				
Royal Oak	1,039	209	263	474		946	189	220	439		848	179	208	426		813	96	93	93		94
St. Charles	579	88	149	205	55	497	78	128	167	31	404	73	130	156	28	387	95	95	93	89	93
*St. Clair Heights	1,651																				
Saline	209	65	70	80		215	61	62	75		198	59	58	72		189	97	93	96		95
Sand Lake	146	42	35	48	44	169	39	28	38	36	141	35	25	35	31	126	90	90	92	86	89
Saranac	204	86	62	90		238	76	58	75		209	71	55	71		197	92	96	94		94
†Saugatuck	177																				
Schoolcraft	152						68	43	63		174	67	42	56		165	96	97	89		94
Sebewaing	723	42	148	199	40	429	38	111	148	29	326	36	94	129	25	284	93	90	83	94	90
Shelby	406	171	97	177	28	473	162	81	146	21	410	160	78	139	20	397	99	96	93	89	96
Shepherd	257	71	70	113		254	67	64	103		234	64	60	95		219	95	93	88		92
Sheridan	169						21	22	62	44	149	19	20	49	41	129	86	90	87	90	89
Sherman	128	16	17	36	22	91	16	17	33	18	84	15	16	29	16	76	90	90	88	85	88
Sherwood	124	31	23	36	31	121	27	18	29	24	98	25	17	27	23	92	89	87	90	95	90
*Sibley																					
South Lyon	147	64	39	52		155	55	36	47		138	52	35	44		131	95	96	94		95
*South Range																					
Sparta	444	121	125	167	35	448	113	111	144	28	396	106	103	134	25	368	96	95	95	89	92
Spring Lake	239	22	73	94	17	206	17	64	78	13	172	16	62	75	12	165	98	96	95	93	95
Springport	108	51	29	30		110	44	28	29		101	43	23	26		92	95	96	90		93
Stambaugh	1,764	104	398	880	223	1,605	91	362	744	161	1,358	86	330	668	134	1,218	95	95	93	92	94
Stanwood	254	26	41	43		110	22	33	31		86	20	31	26		77	92	93	86		90
Stephenson	997	117	298	372	82	869	115	291	369	81	856	92	261	260	56	669	80	89	70	69	78

TABLE XVII—*Concluded*

Incorporated cities	School population from township clerk's reports	Enrollment					Average number belonging					Average daily attendance					Percentage of attendance				
		High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school
†Stevensville	239	23	27	44	56	150	24	23	34	48	129	22	22	33	43	120	94	94	93	91	93
Stockbridge	185	.....	.....	.....	.....	.....	90	68	65	.....	223	82	63	62	.....	207	94	93	92	....	93
Sunfield	119	52	47	50	.....	149	45	46	44	.....	135	43	44	42	.....	129	97	96	95	....	96
Sutton's Bay	202	43	16	28	43	130	40	16	27	46	129	38	15	25	45	123	90	81	90	90	88
Tecumseh	520	123	161	242	.....	526	107	143	216	.....	466	102	136	202	.....	440	95	95	92	....	94
Tekonsha	191	59	78	70	.....	207	54	74	67	.....	195	52	72	63	.....	187	97	95	93	....	95
Thompsonville	238	34	89	140	.....	263	30	71	130	.....	231	28	68	120	.....	216	96	95	89	....	93
Three Oaks	429	74	136	194	.....	404	71	123	161	.....	355	68	117	153	.....	338	95	95	95	....	95
*Tower	183	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trenton	480	58	109	180	71	418	46	92	159	43	340	44	90	152	39	325	96	97	95	91	95
Turner	175	26	29	43	74	172	24	28	41	65	158	21	21	30	53	125	80	75	75	82	80
Tustin	123	71	37	48	.....	156	68	35	43	.....	146	65	29	41	.....	135	96	80	96	....	92
Twining	154	41	48	58	.....	147	34	39	42	.....	115	27	31	36	.....	94	79	80	84	....	81
Ubly	217	25	61	105	.....	191	21	55	102	.....	178	20	51	85	.....	156	91	90	87	....	90
Union City	354	90	120	149	.....	359	82	99	122	.....	303	78	91	102	.....	271	95	92	83	....	90
Unionville	240	40	40	35	40	155	39	39	35	38	151	36	35	32	35	138	90	90	90	87	90
Utica	245	45	52	85	.....	182	40	42	74	.....	156	38	38	65	.....	141	93	93	90	....	92
Vandalia	121	50	24	26	30	130	46	24	26	30	126	44	21	24	28	117	96	88	92	93	92
Vanderbilt	163	15	45	50	39	149	14	40	48	20	122	13	36	44	19	112	90	90	90	90	90
Vassar	510	99	147	212	.....	458	89	133	163	.....	385	83	122	147	.....	352	93	92	90	....	92
Vermontville	155	63	74	34	.....	171	54	62	32	.....	148	52	58	31	.....	141	95	91	97	....	95
Vernon	121	12	42	62	.....	116	19	72	90	.....	181	17	68	85	.....	170	82	92	88	....	89
†Vicksburg	353	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wakefield	1,231	111	341	527	155	1,134	91	296	440	75	902	88	266	396	72	822	91	90	90	95	91
Waldron	147	63	36	34	45	178	60	35	30	42	167	57	31	28	33	149	95	88	93	80	90
†Walkerville	119	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren	102	.....	23	29	.....	52	.....	23	29	.....	52	.....	18	24	.....	42	.....	81	88	....	84
*Washington Heights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Watervliet	367	85	122	159	44	410	76	104	127	25	332	70	101	122	22	315	92	97	96	88	93
Wayland	207	106	37	64	48	255	100	36	60	45	241	91	33	58	41	223	92	85	89	93	90

Wayne	474	115	166	152	48	481	103	139	129	31	402	101	133	122	26	382	98	99	94	82	94
Webberville	151	27	36	76	.....	139	24	32	69	.....	125	22	29	52	.....	103	91	92	75	....	86
*Westphalia	214	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
White Cloud	215	50	68	85	.....	203	46	59	79	.....	184	45	58	64	.....	167	97	96	86	....	94
Whitehall	362	75	120	122	.....	317	70	101	117	.....	288	67	100	103	.....	270	96	95	90	....	93
White Pigeon	169	41	45	67	.....	153	38	41	67	.....	146	36	39	61	.....	136	96	96	90	....	92
Williamston	299	109	103	134	.....	346	101	94	113	.....	308	97	93	106	.....	296	92	97	95	....	96
Wolverine	145	48	60	48	30	186	48	60	45	30	193	43	52	40	27	162	90	90	88	90	90
Woodland	70	36	24	27	.....	87	36	22	25	.....	83	33	20	23	.....	76	97	95	96	....	96

*Not legally graded.
†No report received.
‡Included in Lake Linden.
§Includes Calumet and Red Jacket.
‖Included in Laurium.

TABLE

Miscellaneous statistics of city and graded village schools

Incorporated cities	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Adrian	4	16	.....	5	.....	21	.....	.....	4	42	All	8
Albion	4	7	.....	10	.....	16	.....	.....	4	33	.....	4
Allegan	3	6	.....	9	.....	11	.....	2	3	28	All	5
Alma	3.2	5	.....	9	.....	7	.....	1	4	22	3-4	3
Alpena	4	7	2	16	1	23	.....	1	7	47	All	3
Ann Arbor	10	21	1	32	1	27	.....	.....	12	80	All	14
†Au Gres	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Au Sable	1	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....
Bad Axe	1.5	4	.....	5	.....	5	.....	1	2	15	1-2	1
Battle Creek	10	26	4	49	.....	77	.....	7	14	159	All	15
Bay City	20	15	.....	71	.....	116	.....	13	20	215	All	12
Beaverton	.8	2	1	1	.....	2	.....	.....	2	5	1-5	.....
Belding	2	5	1	7	.....	9	.....	2	3	23	All	3
Benton Harbor	4	7	.....	23	.....	24	.....	.....	4	54	All	13
Bessemer	3	6	.....	17	.....	13	.....	3	4	39	All	4
Big Rapids	2.2	7	.....	8	.....	8	.....	2	3	25	6-7	3
Boyne City	3	3	.....	10	.....	21	.....	2	3	36	All	5
Brown City	2	2	.....	1	.....	3	.....	1	2	7	.....	.....
Cadillac	5	7	1	16	.....	25	.....	5	6	53	All	8
Charlevoix	4	3	1	3	.....	9	.....	.....	5	15	All	1
Charlotte	3 5	6	.....	8	.....	11	.....	.....	4	25	1-2	4
Cheboygan	4	5	1	9	.....	15	.....	.....	5	29	All	2
Clare	.4	4	.....	4	.....	4	.....	.....	1	12	4-7	1
Coldwater	3.2	9	.....	11	.....	12	.....	2	4	34	4-7	7
†Coleman	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corunna	.5	3	.....	3	.....	4	.....	1	1	11	1-2	1
Croswell	2.7	3	1	1	.....	4	.....	1	4	9	1-3	1
Crystal Falls	2 5	3	1	15	.....	22	.....	.....	4	40	1-2	13
†Detroit	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dowagiac	3.2	8	.....	10	.....	15	.....	3	4	36	6-7	3
East Jordan	2 2	4	.....	3	.....	8	.....	2	3	17	6-7	2
East Lansing	.8	2	.....	2	.....	2	.....	.....	1	6	1-6	.....
East Tawas	.8	2	.....	4	.....	3	.....	.....	1	9	1-3	.....
Eaton Rapids	2 5	4	.....	4	.....	4	.....	1	3	13	1-2	2
Escanaba	7	9	.....	23	.....	30	.....	8	7	70	All	5
Flint	8	21	1	63	.....	88	.....	20	9	192	All	24
Fremont	2 3	4	.....	5	.....	6	.....	1	3	16	5-7	1
Gladstone	2 5	2	.....	8	.....	9	.....	2	3	21	1-2	1
Gladwin	1 7	2	.....	3	.....	2	.....	1	2	8	5-8	.....
Grand Haven	4	7	.....	5	.....	21	.....	3	4	36	All	1
Grand Ledge	1 2	6	.....	7	.....	9	.....	.....	2	22	6-7	2
Grand Rapids	37	77	13	194	1	223	1	68	52	562	All	52
Greenville	4 5	4	.....	6	.....	12	.....	.....	5	22	1-2	2
Hancock	7	6	2	13	.....	13	.....	3	9	35	All	7
Harbor Beach	1 3	3	.....	4	.....	4	.....	1	2	12	4-7	1
Harrison	0	1	.....	1	.....	1	.....	1	1	4	1-7	1
Harrisville	9	1	.....	1	.....	2	.....	.....	1	4	.....	.....
Hastings	6	6	.....	8	.....	12	.....	.....	6	26	All	3
Hillsdale	5 3	5	.....	8	.....	11	.....	3	6	27	5-6	4
Holland	4 8	10	.....	20	.....	25	.....	5	5	60	1-10	7
Howell	1 5	5	.....	5	.....	6	.....	.....	2	16	1-2	1
Hudson	2 4	4	.....	4	.....	6	.....	.....	3	14	4-7	.....
Ionia	3 2	5	1	12	.....	15	.....	.....	5	32	5-7	5
Iron Mountain	6	11	2	22	.....	31	.....	.....	8	64	All	4
Ironwood	10	13	3	23	.....	30	.....	16	13	82	All	7

XVIII

as reported by superintendents for the school year 1915-1916

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
24	39	35	....	33	156	4	3	....	163	$30 00	$16 00	$12 00	.....	18	14	10	55	Yes	12
26	39	31	....	30	54	14	....	....	68	25 00	20 00	15 20	.....	17	13	9	49	No	12
32	31	32	20	25	126	6	....	....	132	30 00	20 00	15 00	$15 00	18	14	.....	60	Yes	12
19	35	36	26	32	85	6	....	....	91	30 00	30 00	.....	.....	18	14	10	40	Yes	12
22	35	30	20	29	16	5	3	....	24	20 00	15 00	10 00	.....	18	14	10	24	Yes	12
22	33	32	....	28	128	....	19	....	147	40 00	15 00	9 00	.....	18	14	.....	96	Yes	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
16	....	32	....	24	....	....	....	....	....	20 00	....	15 00	.....	16	....	.....	2	No	10
26	42	36	36	34	87	1	....	....	88	25 00	17 50	15 00	.....	18	....	.....	22	Yes	12
25	32	31	33	30	157	39	54	....	250	30 00	24 00	18 00	18 00	18	15	11	131	Yes	12
25	27	29	38	25	71	53	61	5	190	30 00	15 00	12 50	12 50	18	14	10	125	Yes	12
25	38	41	....	28	23	1	....	....	24	18 00	....	.....	.....	17	....	.....	5	No	12
23	27	32	27	27	64	....	....	....	64	25 00	20 00	10 00	6 00	19	14	10	30	Yes	12
30	23	32	25	29	96	8	6	1	111	40 00	26 00	26 00	26 00	17	14	10	40	Yes	12
25	30	40	60	34	30	....	....	....	30	20 00	....	.....	.....	18	....	.....	30	Yes	12
24	32	33	29	31	60	24	1	....	85	30 00	25 00	20 00	.....	18	15	10	50	Yes	12
19	33	29	42	32	26	1	....	....	27	19 00	14 25	14 25	14 25	18	13	.....	25	Yes	12
22	10	32	36	28	42	1	3	1	47	30 00	15 00	15 00	15 00	18	14	12	14	Yes	12
22	31	30	36	30	44	6	....	....	50	30 00	20 00	20 00	20 00	18	14	10	45	Yes	12
18	37	27	....	23	35	....	....	....	35	18 00	18 00	18 00	.....	18	14	10	23	No	12
30	43	47	....	40	97	24	1	....	122	39 00	19 50	15 60	.....	18	....	.....	45	No	12
26	36	34	....	31	40	7	3	....	50	40 00	20 00	15 00	.....	18	14	10	25	No	12
18	27	30	....	26	20	....	....	....	20	....	....	.....	.....	18	14	10	15	.....	12
21	30	29	30	26	59	3	3	1	66	36 00	24 00	20 00	20 00	18	14	10	36	Yes	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	..
23	38	37	21	31	47	8	3	....	58	20 00	12 00	12 00	.....	17	13	11	20	Yes	12
23	49	46	44	33	73	5	....	....	78	30 00	20 00	.....	.....	17	14	10	19	No	12
30	30	31	35	34	5	....	....	....	5	30 00	20 00	20 00	20 00	18	....	.....	30	Yes	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	..
24	33	33	33	33	83	13	14	3	113	30 00	16 00	12 00	12 00	18	14	9	36	.....	..
20	29	33	24	30	32	....	....	....	32	19 00	....	.....	.....	17	....	.....	15	Yes	12
27	35	52	....	36	22	4	9	....	35	30 00	20 00	20 00	.....	17	14	9	13	No	12
24	30	50	....	35	10	....	....	....	10	....	....	.....	.....	....	....	.....	....	No	12
18	32	37	34	27	95	15	1	1	112	30 00	20 00	20 00	20 00	18	14	10	24	Yes	12
24	32	34	23	29	53	9	1	....	63	30 00	20 00	15 00	15 00	18	14	10	72	Yes	12
25	33	40	32	35	124	10	7	....	141	36 00	16 00	12 00	12 00	18	....	.....	107	Yes	12
24	28	33	57	30	96	8	9	....	113	30 00	15 00	10 00	10 00	18	14	10	29	Yes	12
25	36	33	29	35	6	....	3	....	9	....	....	.....	.....	18	14	10	19	Yes	12
29	33	54	28	36	44	....	....	....	44	30 00	15 00	10 00	10 00	19	14	10	18	Yes	12
21	38	33	27	30	49	5	....	....	54	30 00	25 00	15 00	15 00	17	....	.....	39	Yes	12
23	31	33	....	29	76	11	3	....	90	25 00	15 00	15 00	.....	17	13	9	19	No	12
19	25	29	26	24	140	7	6	1	155	50 00	40 00	30 00	30 00	18	14	10	301	Yes	12
24	33	32	....	32	91	....	....	....	91	25 00	20 00	15 00	.....	18	13	9	32	No	12
21	39	37	35	33	18	....	....	....	18	48 00	20 00	20 00	20 00	18	14	11	23	Yes	12
17	38	39	39	33	22	2	....	....	24	20 00	17 50	15 00	15 00	18	14	10	18	Yes	12
23	30	30	16	26	24	....	....	....	24	20 00	9 00	9 00	9 00	18	13	.....	6	No	12
22	37	45	....	34	18	....	1	....	19	20 00	20 00	20 00	.....	18	14	11	9	No	12
28	36	35	....	33	167	....	....	....	167	35 00	20 00	20 00	.....	....	....	.....	89	Yes	12
23	43	31	37	32	76	5	11	2	94	20 00	15 00	12 00	12 00	18	....	.....	37	Yes	12
23	35	34	37	32	78	17	23	17	135	30 00	12 00	12 00	12 00	17	14	8	54	Yes	12
18	36	34	....	29	79	15	....	....	94	20 00	16 00	.....	.....	18	14	10	27	Yes	12
25	36	40	....	32	86	2	....	....	88	20 00	13 30	9 50	.....	18	....	.....	19	Yes	12
21	25	33	....	27	75	19	17	2	111	30 00	15 00	10 00	10 00	19	15	10	34	Yes	12
20	41	40	....	33	23	7	10	....	40	40 00	15 00	15 00	.....	18	14	10	47	No	12
18	27	37	24	29	29	....	....	....	29	45 00	25 00	25 00	25 00	17	13	9	....	.....	..

TABLE XVIII

Incorporated cities	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Ishpeming	12	11	1	24	.....	36	.....	.....	13	71	All	4
Jackson	10	19	4	50	.....	66	.....	7	14	142	All	13
Jonesville	.5	3	1	2	.....	3	.....	.....	2	8	1-2	1
Kalamazoo	14	42	7	52	1	55	1	18	23	167	All	56
Lansing	12	18	.....	55	.....	74	.....	14	12	161	All	9
Lapeer	1.3	7	.....	5	.....	8	.....	1	2	21	2-3	3
Ludington	7	4	1	18	.....	18	.....	5	8	45	All	5
Mackinac Island	1	1	.....	2	.....	1	.....	.....	1	4	.....	.....
Manistee	1	14	1	16	3	23	.....	6	5	59	All	3
Manistique	4	5	1	9	.....	10	.....	4	5	28	All	2
Marine City	2.4	2	.....	5	.....	6	.....	2	3	15	3-5	1
Marquette	4.5	10	1	16	.....	24	.....	8	6	58	1-2	10
Marshall	5	6	.....	8	.....	12	.....	.....	5	26	All	6
Mason	1.6	5	.....	5	.....	5	.....	.....	2	15	3-7	1
McBain	.....	1	.....	1	.....	1	.....	1	.....	4	.....	.....
Menominee	6	13	.....	20	.....	24	.....	8	6	65	All	3
Midland	.5	7	.....	7	.....	6	.....	.....	1	20	1-2	2
Monroe	5	7	1	7	.....	13	.....	2	6	29	All	4
Mt. Clemens	4	5	1	13	.....	16	.....	3	5	37	All	4
Mt. Pleasant	3.2	7	.....	4	.....	6	.....	1	4	18	3-4	2
Munising	3.8	4	.....	6	1	14	.....	.....	5	24	1-4	1
Muskegon	12	17	1	51	.....	53	.....	13	13	135	All	8
Muskegon Heights	1	4	.....	6	.....	15	.....	4	1	24	All	2
Negaunee	5	10	.....	14	.....	20	.....	4	5	48	All	3
Niles	3	5	.....	10	.....	15	.....	.....	3	30	All	5
North Muskegon	.....	.....	.....	1	.....	1	.....	.....	.....	2	.....	.....
Norway	2	6	.....	13	.....	15	.....	2	2	36	All	5
Omer	1	.....	.....	1	.....	1	.....	1	1	3	.....	.....
Onaway	1.5	4	1	5	.....	7	.....	1	3	17	1-2	4
†Owosso	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petoskey	5	7	.....	7	.....	11	.....	4	5	29	All	10
†Pontiac	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Huron	4	15	1	32	.....	45	.....	.....	5	92	All	7
Rose City	.....	1	.....	2	.....	3	.....	.....	.....	6	.....	.....
Saginaw, E. S.	16	27	7	43	.....	56	.....	.....	23	126	All	11
Saginaw, W. S.	9	19	3	30	.....	44	.....	5	12	98	All	5
St. Clair	.4	4	.....	4	.....	5	.....	.....	1	13	4-7	1
St. Ignace	1.8	1	2	2	.....	6	.....	.....	4	9	1-3	.....
St. Johns	4	5	1	4	.....	10	.....	.....	5	19	All	3
St. Joseph	4	5	.....	9	.....	12	.....	4	4	30	All	2
St. Louis	2.4	4	1	3	.....	6	.....	.....	3	13	4-7	3
Sandusky	1.8	2	.....	3	.....	3	.....	1	2	9	1-4	.....
Sault Ste. Marie	7	11	3	20	.....	20	.....	5	10	56	All	9
Scottville	2.8	2	.....	3	.....	4	.....	.....	3	9	1-3	.....
South Haven	5	6	.....	8	.....	12	.....	.....	5	26	All	4
Standish	.5	3	.....	3	.....	3	.....	.....	1	9	1-2	.....
Stanton	.5	3	.....	2	.....	3	.....	.....	1	8	1 2	1
Sturgis	.2	5	1	10	1	13	.....	1	3	29	6 7	1
†Tawas City	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Rivers	5	6	.....	7	.....	10	.....	4	5	27	.....	1
Traverse City	8	9	3	16	.....	22	.....	4	11	51	All	7
†West Branch	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whittemore	1	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....
Wyandotte	4.5	8	.....	6	.....	18	.....	.....	5	32	1 2	4
Yale	1.5	3	.....	4	.....	4	.....	1	2	12	1 2	.....
Ypsilanti	4	7	1	9	.....	14	.....	.....	5	30	All	5
Zeeland	1.2	6	.....	4	.....	5	.....	2	2	17	5-6	1

—*Continued*

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
21	31	28	....	27	22	2	....	....	24	$25 00	.....	.....	.....	18	14	10	62	Yes	12
25	33	34	40	33	100	11	8	....	119	40 00	$20 00	$20 00	.....	19	15	10	83	Yes	12
23	34	32	....	28	37	3	7	....	47	20 00	15 00	15 00	.....	17	13	9	19	No	12
15	34	42	26	29	94	34	12	1	141	38 00	19 00	12 16	.....	.....	.....	.....	125	Yes	12
26	36	37	36	34	148	49	53	6	248	40 00	20 00	20 00	$20 00	18	14	.....	127	Yes	12
27	31	26	21	28	108	7	....	....	115	20 00	16 00	16 00	.....	17	14	10	38	Yes	12
23	27	31	36	28	47	1	1	....	49	30 00	15 00	15 00	15 00	19	14	10	51	Yes	12
8	37	39	....	26	....	....	....	....	....	.....	.....	.....	.....	19	.....	.....	1	Yes	12
21	27	24	26	24	38	3	1	....	42	40 00	14 00	10 00	10 00	18	14	10	47	Yes	12
29	26	34	33	28	40	4	3	1	48	20 00	20 00	20 00	20 00	18	14	10	39	Yes	12
20	35	33	29	29	19	6	2	....	27	20 00	10 00	10 00	10 00	....	13	10	....	Yes	12
20	29	30	32	28	12	....	....	....	12	20 00	20 00	20 00	20 00	18	14	10	58	Yes	12
17	37	24	....	25	62	....	....	....	62	25 00	.....	.....	.....	18	.....	.....	19	No	12
21	28	26	....	25	90	6	3	....	99	20 00	12 00	12 00	.....	18	.....	.....	37	No	12
12	17	42	43	28	7	....	....	....	7	18 00	.....	.....	.....	....	13	9	....	No	11
19	37	33	19	29	17	....	....	....	17	19 00	16 00	12 00	12 00	18	14	10	50	Yes	12
24	43	53	....	40	99	12	15	....	126	25 00	25 00	25 00	.....	19	15	11	28	No	12
24	40	39	34	33	101	11	....	....	112	30 00	15 00	15 00	15 00	18	14	10	39	Yes	12
25	36	33	33	31	49	31	3	3	86	20 00	12 00	10 00	10 00	18	14	10	18	Yes	12
19	28	24	29	25	79	1	....	....	80	20 00	12 00	12 00	12 00	18	14	9	35	Yes	12
16	31	22	....	25	11	2	2	....	15	20 00	20 00	20 00	.....	18	14	11	....	Yes	12
22	31	33	29	29	120	17	....	....	137	24 00	20 00	16 00	8 00	18	.....	.....	89	Yes	12
21	30	29	31	28	9	2	6	....	17	20 00	16 00	12 00	12 00	....	16	11	11	Yes	10
27	29	35	30	29	11	....	....	....	11	20 00	.....	.....	.....	17	.....	.....	46	Yes	12
22	31	33	....	29	42	4	1	....	47	25 00	15 00	10 00	.....	17	13	10	21	No	12
....	48	48	....	48	1	....	....	....	1	.....	15 00	15 00	.....	....	13	8	....	No	8
25	38	39	43	36	4	12	10	....	26	35 00	20 00	20 00	20 00	18	14	10	35	Yes	12
12	28	31	37	27	3	2	2	....	7	10 00	.....	.....	.....	17	14	.....	2	.....	12
33	44	30	96	31	30	1	....	....	31	20 00	15 00	10 00	10 00	18	13	8	17	Yes	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	39	32	31	32	83	3	2	....	88	20 00	9 00	9 00	9 00	18	13	10	38	Yes	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	30	34	....	33	70	3	2	....	75	30 00	15 00	9 00	.....	18	14	9	63	No	12
24	33	24	....	32	12	4	4	....	20	10 00	10 00	10 00	.....	17	14	10	2	Yes	12
18	30	35	....	28	122	12	15	....	159	40 00	20 00	16 00	.....	....	....	.....	156	No	12
23	33	38	18	30	37	10	29	....	76	40 00	20 00	20 00	.....	18	14	10	49	Yes	12
20	37	34	....	31	28	7	....	....	35	20 00	10 00	7 50	.....	17	14	13	18	Yes	12
24	25	32	....	28	6	2	....	....	8	20 00	10 00	10 00	.....	18	14	11	9	No	12
27	28	34	....	28	78	2	....	....	80	25 00	15 00	15 00	.....	.....	.....	.....	33	No	12
23	1	....	....	24	....	....	....	....	....	32 00	20 00	20 00	20 00	18	14	10	33	Yes	12
21	43	34	....	32	51	2	3	....	56	20 00	10 00	10 00	.....	18	14	10	30	Yes	12
25	26	41	45	34	64	1	....	....	65	25 00	25 00	25 00	.....	17	13	10	7	Yes	12
23	36	41	43	36	47	14	8	....	69	20 00	.....	.....	.....	18	14	.....	65	Yes	12
23	36	37	....	32	77	2	....	....	79	30 00	15 00	15 00	.....	17	13	9	30	No	12
26	31	33	....	29	108	14	20	....	142	38 00	22 80	18 00	.....	18	14	9	44	Yes	12
24	40	40	....	34	81	....	....	....	81	20 00	10 00	.....	.....	.....	.....	.....	28	.....	12
16	30	46	....	28	32	6	20	....	58	20 00	.....	.....	.....	17	14	10	9	No	12
21	28	34	69	28	45	5	12	1	63	30 00	20 00	12 00	12 00	18	13	10	41	Yes	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	36	30	21	26	52	1	2	....	55	20 00	16 00	16 00	.....	18	14	10	43	Yes	12
27	34	31	30	30	123	8	10	1	142	30 00	16 00	16 00	16 00	18	14	.....	53	Yes	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	15	57	....	50	....	1	....	....	1	.....	.....	.....	.....	16	14	8	2	No	10
22	32	31	....	27	53	3	15	....	71	20 00	15 00	15 00	.....	18	13	10	17	Yes	12
25	25	31	35	27	55	1	2	....	58	35 00	14 25	9 50	9 50	18	14	10	24	Yes	12
32	31	28	....	29	80	4	....	....	84	20 00	10 00	10 00	.....	18	14	10	69	No	12
17	39	44	27	28	56	....	....	....	56	20 00	12 00	10 00	10 00	18	14	10	16	Yes	12

TABLE XVIII

Incorporated villages	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Addison	1	9	1		2		1			2	4	1-8	
*Ahmeek													
Akron	1		1		3		1			1	5		
Alanson		.9			3		1			1	4	1-6	
Algonac		.4	2		4		4		1	1	11	4-7	
Almont	1		2	1	1		2			2	5		1
*Alpha													
Applegate					1		1				2		
Armada	1	8	1		2		2			2	5	1 6	
Ashley	1		1		1		1		2	1	5		
Athens		.6	3		2		2			1	7	2-5	1
*Atlanta													
Augusta		.8	2	1	1		2			2	5	1-5	1
Baldwin	1				1		1		1	1	3		
Bancroft		.9	1		1		2			1	4	1-8	
Bangor	3	7	2	1	2		2		1	5	7	3-7	1
†Baraga													
Baroda		.8	1	1			1		1	2	3	1-5	
Barryton		.9	1		2		1		1	1	5	1-10	
Bear Lake	1	9	1		1		2			2	4	1-10	
Bellaire	1	7	2		2		2			2	6	1-3	
Belleville		.9	1		1		2		1	1	5	1-8	
Bellevue	1	7	2		2		4			2	8	1-3	1
Benzonia		.8	2		2		3			1	7	1-4	1
Berrien Springs		.9	2		3		2			1	7	1-7	
Birmingham	1	2	4		6		5		1	2	16	6-7	1
Blissfield Tp. 1 fr				1			2			1	2		
Blissfield Tp. 2 fr		5	3		2		3		1	1	9	1-2	1
Bloomingdale		.8	2	1	1		2			2	5	1 4	
Boardman	1				2		1			1	3		
Boyne Falls	1				1		1			1	2		
Breckenridge	1		1		2		2			1	5		
Breedsville	1				1		1			1	2		
Brighton		.8	2		2		2			1	6	1 3	
†Brimley													
Britton	1	8	1		1		1			2	3	1-5	1
Bronson	1	9	2		3		2			2	7	1-8	1
Brooklyn		.9	2		1		1		1	1	5	1 10	
Buchanan		.4	3		4		6			1	13	4 7	2
†Buckley													
Burlington	1				1		1			1	2		
Burr Oak		.7	2	1	1		2		1	2	6	3 10	
Byron		.9	1		2		1			1	4	1 10	1
Caledonia		.9	1		1		1		1	1	4	1 10	
Camden	1	9	1		10		2			2	4	1-10	
Capac	1	8	2		2		2			2	6	1-5	
Carleton		9	1		1		2			1	4	1-8	
Caro	2	4	4		7		4		2	3	17	3-5	1
Carson City	1	7	2		2		2		1	2	7	2 7	
†Carsonville													
Caseville	1		1		1		1			1	3		
Casnovia		9	1		1		1		1	1	4	1-8	
Cass City	1	5	3		4		3		1	2	11	1-2	
Cassopolis	2		2		3		4			2	9		1
Cedar Springs		.5	3		3		3			1	9	1-2	

—*Continued*

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
29	25	50	....	31	55	9	3	....	67	$20 00	$12 60	$10 80	.....	17	14	9	11	No	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	25	39	....	30	32	5	....	....	37	25 00	10 00	10 00	.....	18	....	.....	15	.....	12
23	27	70	....	35	5	2	....	....	7	18 00	13 50	13 50	.....	....	....	.....	....	No	11
16	34	50	20	33	6	....	2	....	8	20 00	20 00	20 00	$20 00	17	14	.....	4	Yes	12
18	39	45	....	32	32	1	1	....	34	20 00	10 00	10 00	.....	18	14	10	12	No	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
....	40	37	....	39	....	....	....	....	....	....	....	....	....	....	....	....	....	No	8
20	31	48	....	31	34	15	1	....	50	18 00	15 00	7 25	.....	18	15	10	18	No	12
18	40	79	36	38	13	....	....	....	13	20 00	.....	.....	.....	....	....	.....	6	No	12
20	32	25	....	23	37	2	....	....	39	20 00	10 00	10 00	.....	17	14	8	17	No	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	18	32	....	23	21	5	1	....	27	18 00	14 40	9 00	.....	18	14	10	4	No	12
11	30	35	30	27	1	....	....	....	1	.....	.....	.....	.....	....	14	11	5	No	10
16	45	21	....	24	15	4	3	....	22	20 00	15 00	15 00	.....	18	13	.....	5	No	12
23	40	40	45	33	75	14	5	1	95	30 00	12 50	12 50	12 50	18	14	10	20	Yes	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	46	41	43	31	8	....	....	3	11	20 00	.....	.....	8 00	17	14	8	4	No	12
18	30	30	38	26	15	3	....	....	18	23 75	23 75	14 25	14 25	18	14	10	4	Yes	12
24	42	31	....	30	57	2	4	....	63	.....	.....	.....	.....	18	14	10	15	No	12
23	29	52	....	30	28	....	....	....	28	20 00	.....	.....	.....	18	14	10	16	Yes	12
35	30	40	28	31	36	4	4	2	46	20 00	15 00	10 00	5 00	17	13	11	6	Yes	12
19	24	29	....	26	43	5	3	....	51	20 00	12 50	12 50	.....	17	14	10	5	No	12
21	42	37	....	32	19	....	....	....	19	25 00	20 00	20 00	20 00	16	13	10	13	Yes	12
20	23	42	....	25	44	11	16	....	71	20 00	12 00	12 00	.....	17	14	10	11	No	12
28	29	35	43	28	53	9	8	5	75	30 00	20 00	12 50	12 50	17	13	9	23	Yes	12
....	30	44	....	39	....	....	....	....	....	.....	10 00	10 00	.....	....	14	9	....	No	8
24	31	31	25	31	76	4	....	....	80	30 00	20 00	20 00	20 00	17	13	10	24	Yes	12
25	24	42	....	30	50	....	....	....	50	20 00	.....	.....	.....	18	14	11	14	Yes	12
13	20	61	....	28	....	....	....	....	....	9 00	9 00	9 00	.....	....	....	.....	....	No	10
21	27	35	....	28	2	....	....	....	2	19 00	9 00	9 00	.....	15	13	10	7	Yes	11
19	34	44	....	32	....	6	2	....	8	.....	.....	.....	.....	....	....	.....	....	Yes	12
15	31	27	....	24	2	....	....	....	2	13 50	13 50	9 00	.....	....	14	9	....	No	10
19	38	28	....	26	35	10	4	....	49	20 00	12 00	12 00	.....	17	13	9	18	.....	..
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	..
25	33	39	....	29	46	5	....	....	51	20 00	15 00	15 00	.....	18	15	8	7	No	12
19	25	30	....	23	26	....	2	....	28	20 00	11 40	11 40	.....	18	14	10	15	No	12
30	30	50	35	33	52	4	2	....	58	.....	.....	.....	.....	17	13	9	14	Yes	12
21	34	35	....	32	30	14	5	....	49	20 00	15 00	10 00	.....	17	14	10	12	No	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	..
12	23	27	....	21	3	2	1	....	6	15 00	10 00	5 00	.....	....	14	10	3	.....	10
18	35	30	12	25	25	3	....	....	28	19 00	13 50	9 90	8 10	18	13	9	11	Yes	12
22	22	42	....	25	36	10	8	....	54	20 00	15 00	10 00	.....	17	13	11	4	No	12
21	16	46	40	28	24	1	1	....	26	20 00	10 00	10 00	10 00	15	14	11	15	No	10
19	35	27	....	24	....	....	....	....	....	20 00	13 50	11 25	.....	15	13	8	11	No	12
20	27	42	....	25	39	4	3	....	46	20 00	15 00	10 00	.....	17	15	10	4	No	12
21	44	26	....	27	....	....	....	....	....	20 00	10 00	.....	.....	17	14	11	4	No	12
21	30	49	35	30	57	11	3	....	71	30 00	10 00	10 00	.....	18	14	10	31	Yes	12
23	24	28	15	24	71	2	2	....	75	20 00	12 50	9 50	9 50	18	13	9	15	Yes	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	..
17	54	69	....	41	2	....	2	....	4	20 00	15 00	10 00	.....	16	12	8	2	No	10
17	45	28	13	23	15	7	4	2	28	18 00	9 00	4 50	4 50	18	14	9	4	No	12
22	24	34	34	28	47	1	....	5	53	25 00	15 00	.....	.....	18	14	9	17	Yes	12
26	38	34	....	31	61	9	4	....	74	19 00	13 30	9 50	.....	17	13	10	12	No	12
24	28	39	....	28	54	2	....	....	56	25 00	14 25	9 50	9 50	18	15	11	18	Yes	12

TABLE XVIII

Incorporated villages	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Central Lake	.9	2	.....	3	.....	2	.....	.....	1	7	1-10	.....
Centreville	.7	2	.....	2	.....	2	.....	.....	1	6	1-4	1
Chelsea	1.5	4	.....	4	.....	4	.....	.....	2	12	1-2	1
Chesaning	1.6	2	.....	2	.....	2	.....	1	2	7	3-7	1
Clarkston	.9	1	.....	2	.....	1	.....	.....	1	4	.....	.....
†Clayton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Clifford	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Climax	1	1	.....	2	.....	1	.....	.....	1	4	.....	.....
Clinton	.8	2	.....	2	.....	2	.....	.....	1	6	1-7	1
Clio	.9	2	.....	2	.....	3	.....	.....	1	7	1-10	1
†Coloma	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colon	1.8	2	.....	2	.....	2	.....	1	2	7	1-7	1
Columbiaville	.9	1	.....	1	.....	1	.....	.....	1	3	1-10	.....
Concord	.8	1	.....	1	.....	2	.....	.....	1	4	1-5	1
Constantine	2.3	2	.....	2	.....	2	.....	1	3	7	5-7	1
Coopersville	.8	4	1	1	.....	2	.....	.....	2	7	1-6	1
Copemish	1	.....	.....	1	.....	1	.....	.....	1	2	.....	1
Custer	1	.....	.....	1	.....	1	.....	.....	1	2	.....	.....
*Daggett	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dansville	1	1	.....	1	.....	1	.....	1	1	4	.....	.....
Davison	.7	2	.....	2	.....	2	.....	.....	1	6	2-7	.....
Dearborn	1.6	2	.....	3	.....	4	.....	.....	2	9	3-7	1
Decatur	.6	4	.....	4	.....	5	.....	.....	1	13	4-7	.....
†Deckerville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Deerfield	1	1	.....	1	.....	2	.....	.....	1	4	.....	.....
†Detour	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dexter	.5	3	.....	2	.....	2	.....	.....	1	7	.....	.....
Dimondale	1	.....	.....	2	.....	1	.....	.....	1	3	.....	.....
Douglas	1	1	.....	1	.....	1	.....	1	1	4	.....	.....
†Dryden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dundee	.8	3	.....	2	.....	2	.....	1	1	8	1-5	.....
Durand	1.4	3	.....	5	.....	6	.....	1	2	15	.....	.....
*Eagle	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Grand Rapids	.....	.....	.....	2	.....	4	.....	.....	.....	6	.....	1
†East Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
†Eau Claire	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ecorse	.7	1	.....	5	.....	3	.....	1	1	10	3-10	1
Edmore	1.8	1	.....	2	.....	2	.....	.....	2	5	1-5	.....
Edwardsburg	1	1	.....	1	.....	1	.....	.....	1	3	.....	.....
*Elberta	1	2	.....	2	.....	1	.....	.....	1	5	.....	.....
Elk Rapids	1.3	3	.....	2	.....	4	.....	.....	2	9	2-3	1
Elkton	.8	2	.....	2	.....	3	.....	.....	1	7	1-3	.....
Elsie	.8	2	.....	2	.....	3	.....	.....	1	7	1-6	.....
*Emmett	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Empire	.9	1	.....	1	.....	1	.....	2	1	5	1-6	.....
Essexville	1	1	.....	1	.....	2	.....	.....	1	4	.....	1
†Evart	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairgrove	1	1	.....	1	.....	1	.....	1	1	4	.....	.....
Farmington	.9	1	1	.....	.....	2	.....	.....	2	3	1-10	.....
Farwell	.....	.....	1	.....	.....	1	.....	.....	1	1	.....	.....
Fennville	2	.....	.....	2	.....	2	.....	.....	2	4	.....	.....
Fenton	1.7	3	.....	5	.....	6	.....	.....	2	14	1-3	2
Fife Lake	1	.....	.....	1	.....	1	.....	1	1	3	.....	.....
Flushing	1.8	3	.....	2	.....	2	.....	1	2	8	1-4	.....
†Ford	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

—*Continued*

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
22	30	33	....	28	39	5	....	....	44	$20 00	$10 00	.....	.....	16	13	.....	7	.....	12
29	24	28	....	23	27	.....	.....	.....	27	18 00	12 00	$9 00	.....	17	14	12	9	No	12
23	27	35	....	25	49	3	2	....	54	25 00	15 00	15 00	$15 00	18	14	10	23	Yes	12
15	45	54	17	34	36	2	.....	.....	38	30 00	30 00	30 00	30 00	17	14	11	11	.....	..
20	17	60	....	27	24	1	1	....	26	20 00	18 00	18 00	.....	17	13	9	6	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
23	28	25	....	27	20	2	2	....	24	20 00	.....	.....	.....	17	13	10	11	No	12
18	25	37	....	27	37	8	1	....	46	19 00	15 20	15 20	.....	17	14	9	17	No	12
26	45	37	....	36	58	6	....	....	64	20 00	12 00	12 00	.....	17	....	.....	15	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
21	34	39	16	27	36	4	1	....	41	30 00	20 00	20 00	20 00	18	14	.....	19	Yes	12
17	35	50	....	29	21	2	....	....	23	20 00	10 00	10 00	.....	17	13	9	5	No	12
16	33	30	....	23	19	2	3	....	24	15 00	12 00	9 00	.....	18	13	10	3	.....	..
19	27	37	13	22	37	3	....	....	40	20 00	12 00	9 00	9 00	18	14	9	16	Yes	12
22	42	43	....	30	63	15	14	....	92	30 00	.....	.....	.....	16	13	9	15	No	12
18	15	86	....	39	4	.....	.....	.....	4	10 80	.....	.....	.....	.....	.....	.....	.....	No	10
16	32	34	....	27	3	.....	.....	.....	3	20 00	.....	.....	.....	.....	.....	.....	4	No	10
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
13	12	43	29	21	17	.....	.....	.....	17	.....	.....	.....	.....	.....	.....	.....	2	No	12
18	21	29	....	22	10	1	1	....	12	20 00	12 00	.....	.....	17	14	11	15	No	12
18	37	41	....	31	28	.....	.....	....	28	25 00	.....	.....	.....	17	13	9	10	Yes	12
23	30	31	....	28	46	18	7	....	71	20 00	10 00	7 00	.....	18	13	10	16	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
22	19	36	....	26	21	2	9	....	32	18 00	6 75	4 50	.....	18	....	.....	9	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
22	29	27	....	22	40	1	1	....	42	25 00	18 00	14 00	.....	18	15	10	11	No	12
25	25	26	....	23	15	7	.....	....	22	25 00	25 00	25 00	.....	16	13	10	11	No	10
13	33	20	31	22	3	.....	.....	.....	3	20 00	.....	.....	.....	19	13	12	1	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
27	32	38	32	28	43	1	.....	....	44	20 00	15 00	15 00	10 00	17	14	11	17	Yes	12
21	39	44	43	36	40	4	2	....	46	20 00	10 00	10 00	10 00	....	14	10	14	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
....	35	27	....	28	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Yes	8
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..
4	25	69	52	35	.....	.....	.....	.....	.....	20 00	20 00	.....	.....	.....	.....	.....	3	Yes	10
21	55	50	....	38	22	7	1	....	30	20 00	9 50	7 12	.....	19	14	9	5	.....	..
24	27	34	....	26	35	.....	1	....	36	.....	.....	.....	.....	18	15	8	7	No	12
15	44	30	....	28	1	.....	.....	.....	1	20 00	.....	.....	.....	.....	.....	.....	.....	No	11
22	27	19	....	23	26	.....	.....	.....	26	20 00	20 00	20 00	.....	17	12	9	25	No	12
15	34	37	....	28	20	4	.....	....	24	20 00	.....	.....	.....	17	14	10	7	No	12
23	35	29	....	29	43	10	4	....	57	20 00	11 75	9 50	.....	18	13	11	13	Yes	12
26	39	27	33	31	14	6	.....	....	20	20 00	9 00	.....	.....	18	14	12	12	Yes	12
15	25	35	....	25	....	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	9	.....	..
10	32	35	37	25	16	2	2	1	21	20 00	10 00	10 00	10 00	18	12	6	7	No	12
17	44	47	....	35	20	4	.....	.....	24	20 00	12 00	12 00	.....	17	....	.....	5	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	No	9
35	33	36	....	35	44	2	.....	.....	46	20 00	20 00	20 00	.....	17	14	10	14	No	12
28	34	33	....	30	69	17	5	....	91	25 00	20 00	16 00	.....	18	14	9	32	No	12
33	22	29	28	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	No	11
18	45	47	17	29	62	8	2	....	72	20 00	16 00	12 00	12 00	18	14	.....	18	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	..

TABLE XVIII

Incorporated villages	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Forestville	.....	1	.....	.....	.....	1	.....	.....	.....	2	.....	.....
*Fountain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
†Fowler	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fowlerville	.8	3	.....	2	.....	2	.....	.....	1	7	1-3	1
*Frankenmuth	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frankfort	1.5	2	.....	5	.....	5	.....	1	2	13	.....	2
*Fraser	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Freeport	.9	1	1	.....	.....	2	.....	.....	2	3	1-10	.....
Freesoil	1	1	.....	1	.....	1	.....	.....	1	3	.....	.....
Fruitport	1	.....	.....	1	.....	1	.....	.....	1	2	.....	.....
Gagetown	.9	1	.....	1	.....	1	.....	.....	1	3	.....	.....
Gaines	1	.....	.....	2	.....	1	.....	.....	1	3	.....	.....
Galesburg	1.6	1	.....	2	.....	2	.....	.....	2	5	3-7	2
Galien	.9	1	.....	1	.....	2	.....	.....	1	4	1-10	.....
*Garden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gaylord	1.5	3	.....	4	.....	4	.....	1	2	12	1-2	.....
Gobleville	.8	2	.....	2	.....	2	.....	.....	1	6	2-7	.....
Grandville	.8	2	.....	3	.....	4	.....	1	1	10	1-4	.....
Grant	.9	1	1	1	.....	2	.....	.....	2	4	1-10	.....
Grass Lake	.8	2	.....	2	.....	2	.....	.....	1	6	1-4	.....
Grayling	.7	3	.....	5	.....	6	.....	.....	1	14	3-8	2
Grosse Pointe	.....	.....	.....	3	.....	3	.....	.....	.....	6	.....	.....
*Grosse Pointe Farms	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Grosse Pointe Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Grosse Pointe Shores	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamtramck	1	3	.....	10	.....	26	.....	2	1	41	All	1
Hanover	.9	1	.....	1	.....	2	.....	.....	1	4	1-10	.....
Harbor Springs	3.3	4	.....	4	.....	4	.....	1	4	13	7-10	2
Harrietta	1	.....	.....	1	.....	1	.....	.....	1	2	.....	.....
Hart	3.3	5	.....	3	.....	4	.....	1	4	13	2-3	.....
Hartford	1.6	3	1	2	.....	3	.....	1	3	9	3-7	1
Hersey	.9	1	.....	1	.....	1	.....	1	1	4	1-8	.....
Hesperia	.8	2	.....	2	.....	2	.....	.....	1	6	1-4	.....
Highland Park	11	28	5	76	.....	9	.....	.....	16	113	All	14
†Hillman	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Hilltop	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Holly	1.6	4	.....	2	.....	3	.....	.....	2	9	4-7	1
Homer	.8	3	1	2	.....	2	.....	.....	2	7	1-4	1
Honor	1.8	1	.....	1	.....	2	.....	1	2	5	1-3	.....
Houghton	9	6	.....	17	.....	24	.....	11	9	58	All	12
Howard City	.5	2	.....	2	.....	2	.....	1	1	7	1-2	1
Hubbardston	.9	1	.....	1	.....	1	.....	.....	1	3	1-10	.....
‡Hubbell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Imlay City	1.5	3	.....	2	.....	2	.....	1	2	8	1-2	.....
Iron River	3	4	.....	10	.....	16	.....	2	3	32	All	6
Ithaca	2.3	4	.....	4	.....	5	.....	1	3	14	5-7	3
Kalkaska	1.7	1	.....	2	.....	3	.....	1	2	7	1-3	.....
Kent City	1.6	1	1	1	.....	2	.....	.....	3	4	2-5	.....
Kinde	1	.....	.....	2	.....	2	.....	.....	1	4	.....	.....
Kingsley	.9	1	.....	2	.....	2	.....	.....	1	5	1-8	.....
Kingston	1	1	.....	1	.....	1	.....	1	1	4	.....	.....
Laingsburg	1.8	1	.....	1	.....	2	.....	.....	2	4	1-4	.....
†Lake Ann	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake City	1.8	2	.....	2	.....	3	.....	.....	2	7	2-7	.....
Lake Linden	3	6	.....	7	.....	13	.....	.....	3	26	All	2

—*Continued*

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
28	....	36	....	32	1	....	....	....	1	.....	.....	.....	.....	....	....	.....	....	No	9
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
23	29	40	....	28	54	3	2	....	59	$20 00	$16 00	$10 00	.....	17	....	.....	9	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
26	26	32	28	29	17	....	....	....	17	25 00	.....	.....	.....	18	14	9	24	Yes	12
14	40	35	....	27	14	1	....	....	15	20 00	.....	.....	.....	17	13	10	2	Yes	12
14	41	56	....	31	6	....	....	....	6	20 00	.....	.....	.....	....	....	.....	....	No	12
17	26	28	....	23	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	14	No	10
21	54	41	....	34	21	....	1	....	22	20 00	10 00	10 00	.....	18	14	.....	4	No	12
24	20	39	....	25	15	9	5	....	29	20 00	12 00	7 50	.....	17	14	10	6	No	10
11	29	35	....	23	10	15	12	....	37	20 00	12 60	9 00	.....	18	15	10	6	No	12
25	20	45	....	32	28	....	....	....	28	18 00	15 00	15 00	.....	17	13	9	....	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
19	24	31	34	25	37	....	....	....	37	20 00	.....	.....	.....	18	14	10	12	Yes	12
20	29	31	....	25	22	1	1	....	24	25 00	15 00	15 00	.....	17	13	10	16	No	12
26	38	28	32	31	34	....	....	....	34	30 00	.....	.....	.....	16	14	.....	11	Yes	12
34	32	32	....	33	44	2	....	....	46	20 00	10 00	10 00	.....	19	14	.....	10	No	12
26	36	35	....	32	42	7	2	....	51	20 00	12 00	12 00	.....	17	15	10	9	No	12
15	30	40	....	31	16	2	....	....	18	20 00	.....	.....	.....	17	14	10	6	No	12
....	32	40	....	36	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	No	8
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
8	47	43	77	44	8	4	2	....	14	40 00	20 00	12 00	$12 00	14	13	10	12	Yes	9
21	35	18	....	25	29	3	....	....	32	20 00	15 00	.....	.....	18	13	10	6	No	12
25	34	43	43	31	34	2	....	....	36	20 00	13 50	13 50	13 50	18	12	.....	18	Yes	12
14	35	24	....	24	9	....	....	....	9	18 00	9 00	.....	.....	16	13	9	3	No	10
23	52	45	30	32	92	6	3	1	102	30 00	12 00	8 00	8 00	19	14	10	41	Yes	12
27	31	30	21	30	69	20	2	....	91	30 00	14 25	9 50	.....	17	14	10	....	Yes	12
21	17	35	26	24	22	....	2	....	24	20 00	.....	.....	.....	18	.....	.....	7	.....	12
20	25	30	....	25	39	....	....	....	39	20 00	8 00	6 00	.....	18	12	8	....	Yes	..
27	34	32	....	29	21	....	18	....	39	50 00	.....	30 00	.....	18	14	.....	46	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
22	51	44	....	32	60	6	....	....	66	20 00	14 00	14 00	.....	17	13	9	20	No	12
20	37	36	....	28	48	3	....	....	51	25 00	10 00	10 00	.....	18	14	10	15	No	12
16	46	36	33	28	16	1	....	5	22	15 00	6 75	4 50	4 50	17	15	.....	8	No	12
24	33	32	25	29	24	1	2	....	27	50 00	35 00	35 00	25 00	18	14	9	55	Yes	12
22	32	60	18	34	40	....	....	....	40	20 00	20 00	10 00	10 00	18	....	.....	14	Yes	12
13	25	19	....	17	5	....	1	....	6	20 00	9 00	9 00	.....	18	13	10	6	No	12
16	37	54	24	30	52	1	....	....	53	20 00	15 00	15 00	15 00	17	13	10	14	Yes	12
23	38	40	51	38	6	13	12	1	32	20 00	15 00	15 00	15 00	17	14	10	28	.....	..
28	37	31	30	31	100	10	6	....	116	20 00	15 00	10 00	10 00	18	14	10	36	Yes	12
32	42	28	20	29	38	....	7	....	45	20 00	15 00	15 00	15 00	18	14	.....	18	Yes	12
17	26	41	....	28	38	2	5	....	45	20 00	11 88	11 88	.....	17	14	10	9	No	12
21	34	38	....	31	12	....	....	....	12	20 00	.....	.....	.....	15	11	8	15	No	10
24	29	25	....	26	31	2	....	....	33	20 00	18 00	12 00	.....	....	13	9	....	No	11
26	20	39	36	30	17	1	2	....	20	25 00	15 00	15 00	15 00	18	....	.....	4	No	12
23	60	34	....	33	48	4	5	....	57	15 00	12 50	10 00	7 50	18	13	8	11	Yes	12
30	40	30	....	32	31	4	2	....	37	20 00	9 00	9 00	.....	18	15	11	20	No	12
18	27	26	....	24	3	1	....	....	4	40 00	20 00	20 00	.....	18	14	9	27	No	12

TABLE XVIII

Incorporated villages	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Lake Odessa	1	4	3		2		3		2	8	4-7	1
†Lakeview												
L'Anse	1	2	3	1	5		6	3	3	17	6-7	
§Laurium	14		29	4	65	1	72			19	166	All	36
Lawrence		9	4		2		3			1	9	1-10	1
†Lawton												
†Leonard												
LeRoy		9	1		1		2			1	4	1-10	
Leslie												
Lexington		8	1		1		2			1	4	1-5	
*Lincoln												
Linden		9	2		2		1		1	1	6	1-7	
Lisbon	1						1			1	1		
†Litchfield												
Lowell	1	3	4		4		5		1	2	14	6-7	
Luther		8	1		2		2			1	5	1-6	1
Lyons	1		1		2		2			1	5		
Mackinaw City	1				1		2			1	3		
Mancelona	2	5	1	1	1		7		2	4	11	1-2	
†Manchester													
Manton		3	1		2		3		1	1	7	3-7	1
Maple Rapids	1		1		1		1		1	1	4		
Marcellus	1	5	4		3		3		1	2	11	1-2	1
Marion	1	8	1	1	1		3			3	5	1-4	
*Marlborough													
Marlette	1	8	3		3		2		1	2	9	1-5	
*Maybee													
Mayville		8	2		1		2			1	5	1-5	
McBride	1				1		1			1	2		
Mecosta	1				1		1			1	2		
*Melvin													
Memphis		9	1		1		3			1	5	1-8	
Mendon		8	2	1	1		2		1	2	6	1-3	
Merrill	1				1		1			1	2		
Mesick	1	9	1		1		1		1	2	4	1-6	
Metamora	1		1		1		1			1	3		
Middleville		8	2		2		2			1	6	1-6	1
*Mikado													
Milan		5	4		2		4			1	10	1 2	
Milford		8	2		2		3			1	7	1-6	
Millersburg	1		1		1		1			1	3		
Millington		8	2		2		2			1	6	2-7	1
Minden City	1				1		1			1	2		
Montague	1		2		2		2			1	6		
Montgomery													
Montrose		9	1		1		1		1	1	4	1-10	
Morenci	1	4	2		4		4			2	10	4-7	1
Morley	1				1		1			1	2		
†Morrice													
Mt. Morris		8	1	1	1	1				3	2		
Muir	1		1		1		1		1	1	4		
Mulliken													
Nashville	1	7	2	1	1		3		1	3	7	2-7	1
Newaygo		6	2	1	2		4		1	2	9		
New Baltimore		8	2		2		2			1	6		

—*Continued*

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
20	48	40	....	30	43	8	1	....	52	$20 00	$19 00	$14 25	.....	18	14	10	15	No	..
10	26	33	15	22						20 00	20 00	20 00	$20 00	17	14	11	9	Yes	12
21	31	30	33	32	269	1	....	....	270					18	13	....	131	No	12
20	15	29	....	23	59	....	....	....	59	25 00	12 00	12 00	.....	18	14	12	24	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	....	..
19	52	25	....	28	26	....	....	....	26	18 00	.....	.....	.....	17	14	9	6	No	12
14	26	32	....	23	17	2	1	....	20	.....	.....	.....	.....	17	14	....	7	No	12
22	20	30	36	25	....	....	....	....	....	.....	.....	.....	.....	....	....	....	10	No	12
20	....	18	....	19	2	....	....	....	2	.....	.....	.....	.....	....	....	....	....	No	10
27	42	21	34	29	90	1	....	....	91	25 00	15 00	10 00	10 00	18	14	10	34	Yes	12
17	25	33	....	26	12	2	1	....	15	20 00	10 00	10 00	.....	18	....	....	4	No	12
16	23	29	....	22	8	2	....	....	10	20 00	6 00	6 00	.....	18	14	12	5	No	12
34	45	53	....	46	....	....	....	....	....	.....	.....	.....	.....	17	14	10	9	No	10
25	27	33	31	30	33	1	....	....	34	18 00	9 00	.....	.....	17	13	....	24	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	....	..
50	41	39	20	36	45	3	....	....	48	20 00	12 00	.....	.....	15	12	....	12	Yes	12
23	22	37	36	32	18	1	....	3	22	.....	.....	.....	.....	18	14	11	11	No	12
23	22	23	20	21	70	11	3	....	84	20 00	13 50	13 50	13 50	18	14	10	21	Yes	12
21	46	54	....	39	24	2	2	....	28	20 00	9 50	9 50	.....	17	14	10	6	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	....	..
21	31	54	29	30	54	4	6	....	64	30 00	15 00	15 00	15 00	18	....	....	21	Yes	12
23	58	56	....	36	20	....	....	....	20	20 00	20 00	20 00	.....	17	14	9	14	No	12
20	41	40	....	34	5	1	....	....	6	.....	.....	.....	.....	....	....	....	....	No	11
21	26	33	....	29	7	....	1	....	8	10 00	.....	.....	.....	17	....	....	9	Yes	10
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	....	..
26	52	25	....	30	35	....	....	....	35	.....	.....	.....	.....	17	14	11	6	No	12
18	28	24	22	22	22	6	1	....	29	20 00	11 88	.....	.....	18	14	10	1	Yes	12
25	41	33	....	33	12	....	....	....	12	.....	.....	.....	.....	....	....	....	....	No	10
18	46	35	25	26	26	....	....	....	26	20 00	15 00	15 00	15 00	17	10	8	10	No	12
9	36	50	....	25	4	1	2	....	7	15 00	9 00	9 00	.....	17	....	....	4	....	12
33	36	45	....	38	75	....	....	....	75	25 00	11 00	9 00	.....	17	14	11	20	No	12
24	54	45	....	36	52	8	11	....	71	20 00	.....	.....	.....	18	....	....	10	Yes	12
31	36	27	....	30	56	12	10	....	78	20 00	10 00	10 00	.....	18	14	10	13	No	12
21	37	36	....	31	11	....	....	....	11	20 00	.....	.....	.....	....	....	....	5	No	10
30	33	45	....	35	57	13	4	....	74	20 00	10 00	10 00	.....	16	13	10	11	No	12
27	35	40	....	30	4	3	2	....	9	11 25	9 00	9 00	.....	....	....	....	6	No	10
16	32	35	....	27	26	....	....	....	26	.....	.....	.....	.....	....	....	....	4	....	..
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	....	..
18	40	37	45	32	21	10	8	10	49	20 00	10 00	10 00	10 00	19	13	11	6	No	12
30	29	40	....	32	39	17	7	....	63	18 00	14 00	12 00	12 00	18	....	....	15	Yes	12
37	48	25	....	37	10	....	....	....	10	9 00	.....	.....	.....	....	....	....	10	No	10
24	43	56	....	38	26	7	....	....	33	20 00	10 00	10 00	.....	17	13	....	11	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	Yes	12
31	39	37	26	34	52	4	4	....	60	30 00	18 00	18 00	18 00	17	12	8	12	Yes	12
20	37	32	18	28	16	....	2	....	18	18 00	13 00	13 00	13 00	18	14	10	10	Yes	12
16	27	49	....	30	30	2	....	....	32	.....	.....	.....	.....	17	12	6	5	Yes	12

TABLE XVIII

Incorporated villages	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
*Newberry	2 5	3	1	8		9		4	4	24	1-2	3
New Buffalo	.8	1		1		1		1	1	4	1-4	
New Haven	1			1		1			1	2		
North Adams	.8	2		2		1			1	5	1-4	
North Branch	.6	2		2		3			1	7	3-7	1
Northport	1	1		2		3			1	6		
Northville			1	2		6		2	1	10		
Oakley			1			1			1	1		
*Oakwood												
Olivet	.5	2		2		2			1	6	1-2	1
Onekama	1	1		2		1			1	4		
†Onsted												
†Ontonagon												
Orion	.8	2		2		2			1	6	2 7	1
Ortonville	.8	1		1		1		1	1	4	1-5	
Oscoda	.8	1		3		4		1	1	9	1-8	
Otisville	1	1	1	1		1			2	3		
Otsego	2 2	4		7		9			3	20	6 7	2
Otter Lake	1			1		1			1	2		
Ovid	1 5	4		4		3			2	11	1-2	
Owendale	1	1		1	1	1		1	2	4		
Oxford	.7	3	1	1		3		1	2	8	2 7	1
Parma	.8	1		1		2			1	4	1 7	1
Paw Paw	1.3	3		4		3		1	2	11	5 7	3
†Peck												
Pellston	1 5	2		3		3		1	2	9	1-2	1
Pentwater	1.4	2		2		4		1	2	9	4 7	1
*Perrinton												
†Perry												
Petersburg	.8	1		2		2			1	5	1-3	
Pewamo	1			2		1			1	3		
Pierson	1					1			1	1		
Pigeon	.8	1		2		2		1	1	6	1-6	
Pinckney	.8	2	1			2			2	4	1-3	
Pinconning	.8	1		2		4		1	1	8	1-5	
Plainwell	1 7	3		4		4		1	2	12	2-7	1
Plymouth	.7	5		4		4		1	1	14	5-7	
†Port Austin												
Port Hope	1			1		1			1	2		
Portland	1.4	3		4		4		1	2	12	3-5	1
†Port Sanilac												
*Posen												
Potterville	.8	1		2		1			1	4	1 6	
Quincy	8	4		3		2			1	9	1-3	
Reading	1 8	2		2		2			2	6		2
*Redford												
Red Jacket												
Reed City	1 8	3		4		5		1	2	13	1 7	
Reese	1	1		1		1			1	3		
Richland		2	1	1		1			1	4		
Richmond	1 6	2		3		4		1	2	10	3 7	
River Rouge	1 2	4	1	5		8		2	3	19	3 4	
Rochester	.8	2		3		4			1	9		
Rockford	8	2		2		2			2	6	1 5	1
Rogers	.8	1	1	2		7			2	10	1-3	

—*Continued*

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
21	20	31	20	24	30	11	....	....	41	$20 00	$10 00	.....	.....	18	13	8	24	Yes	12
7	24	43	40	25	5	....	1	....	6	20 00	12 00	$12 00	$12 00	18	13	.....	2	Yes	12
26	30	52	....	36	7	....	....	....	7	15 00	10 00	10 00	.....	16	....	.....	4	No	10
21	23	40	....	23	52	2	....	....	54	20 00	.....	.....	.....	16	13	9	6	No	12
27	44	27	....	32	44	10	3	....	57	20 00	15 00	15 00	.....	19	13	8	12	No	12
22	28	34	....	28	15	....	2	....	17	27 00	18 00	9 00	.....	18	13	9	8	Yes	12
....	40	50	99	53	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	Yes	8
....	9	43	....	25	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	No	8
18	29	31	....	23	31	11	1	....	43	20 00	12 00	12 00	.....	18	14	10	7	No	12
23	22	32	....	26	28	1	....	....	29	20 00	18 00	18 00	.....	18	12	9	6	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
14	27	40	....	26	19	2	....	....	21	.....	.....	.....	.....	19	14	10	7	.....	..
16	25	45	50	30	11	4	3	2	20	18 00	12 00	12 00	12 00	17	14	11	6	No	12
13	12	20	14	16	....	....	1	....	1	12 00	8 00	6 00	6 00	18	15	10	2	No	12
20	29	67	....	33	16	2	....	....	18	20 00	10 00	6 00	.....	17	13	9	6	No	12
17	28	36	....	25	34	4	1	....	39	28 50	15 20	15 20	.....	18	13	10	13	Yes	12
12	24	36	....	24	3	4	....	....	7	20 00	.....	.....	.....	....	....	.....	....	No	10
17	24	34	....	24	59	12	....	....	71	20 00	15 00	15 00	.....	18	14	10	16	No	12
13	41	27	55	30	14	4	2	....	20	20 00	10 00	10 00	10 00	17	....	.....	4	Yes	12
27	35	40	32	32	35	3	1	....	39	25 00	12 00	12 00	12 00	18	14	11	19	Yes	12
26	50	29	....	32	34	6	7	....	47	20 00	.....	.....	.....	17	13	9	10	.....	12
25	26	33	24	29	62	7	2	....	71	20 00	13 00	10 00	10 00	18	13	9	19	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
16	33	30	27	25	20	....	....	....	20	18 00	18 00	.....	.....	20	15	10	6	Yes	12
14	39	21	23	22	20	2	2	....	24	20 00	9 00	3 50	3 50	17	14	10	16	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
24	42	41	....	33	28	....	2	....	30	20 00	13 50	9 00	9 00	18	14	9	8	Yes	12
22	14	25	....	19	8	10	11	....	29	13 50	11 25	11 25	.....	17	13	8	2	No	12
44	....	40	....	42	....	....	....	....	....	.....	.....	.....	.....	18	15	10	4	No	10
30	25	43	46	37	39	2	....	....	41	30 00	15 00	.....	.....	17	14	12	9	Yes	12
18	44	20	....	23	36	5	3	....	44	20 00	15 00	12 50	.....	17	13	10	15	No	12
10	35	40	36	33	9	....	....	....	9	20 00	.....	.....	.....	17	14	11	1	No	12
24	35	32	25	30	40	....	....	....	40	20 00	15 60	11 50	.....	18	13	9	27	Yes	12
24	35	45	21	32	56	1	....	....	57	30 00	25 00	25 00	25 00	18	14	.....	23	Yes	12
25	24	40	....	29	4	....	....	....	4	10 00	5 00	5 00	.....	16	12	8	4	No	10
21	32	30	37	30	52	12	2	1	67	30 00	18 00	15 00	15 00	18	14	11	20	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
12	14	55	....	21	6	3	2	....	11	.....	.....	.....	.....	17	13	10	3	No	12
19	30	37	....	29	56	5	1	....	62	20 00	10 00	7 50	.....	17	13	9	11	No	12
26	33	30	....	29	49	3	3	....	55	20 00	14 25	11 90	.....	18	14	10	27	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	....	.....	..
20	32	32	48	29	47	....	....	....	47	20 00	.....	.....	.....	18	13	8	13	Yes	12
18	40	50	....	31	13	4	3	....	20	20 00	15 00	10 00	.....	17	13	8	3	No	12
25	14	25	....	20	....	....	....	....	....	20 00	9 00	9 00	.....	17	14	.....	3	No	12
19	34	37	22	29	40	....	....	....	40	20 00	20 00	20 00	20 00	18	13	9	13	Yes	12
18	38	48	40	34	5	....	1	....	6	20 00	20 00	15 00	15 00	17	13	10	10	.....	12
22	50	60	....	44	31	5	....	....	36	20 00	15 00	10 00	.....	18	14	10	5	No	12
24	45	46	....	36	47	6	2	....	55	25 00	18 00	12 00	.....	18	14	9	20	No	12
17	45	40	....	37	8	....	....	....	8	20 00	20 00	20 00	.....	17	15	11	5	No	11

TABLE XVIII

Incorporated villages	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Romeo	.8	3	1	3	.....	4	.....	.....	2	10	1–4	.....
†Roscommon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Royal Oak	1.9	6	1	4	.....	8	.....	.....	3	18	1-10	2
St. Charles	.5	3	.....	3	.....	4	.....	1	1	11	1–2	1
*St. Clair Heights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saline	.9	3	.....	2	.....	2	.....	.....	1	7	1–10	1
Sand Lake	1	.....	.....	1	.....	1	.....	1	1	3	.....	.....
Saranac	1.8	1	.....	2	.....	3	.....	.....	2	6	5–14	.....
†Saugatuck	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Schoolcraft	.8	2	1	1	.....	2	.....	.....	2	5	1–3	1
Sebewaing	.8	2	.....	3	.....	4	.....	1	1	10	1–3	1
Shelby	3.5	3	.....	3	.....	5	.....	1	4	12	1–2	1
Shepherd	.8	2	.....	2	.....	4	.....	.....	1	8	1–3	1
Sheridan	.9	1	1	.....	.....	1	.....	1	2	3	1–10	.....
Sherman	1	.....	.....	1	.....	1	.....	1	1	3	.....	.....
Sherwood	1	.....	.....	1	.....	1	.....	1	1	3	.....	.....
*Sibley	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Lyon	.9	2	.....	1	.....	2	.....	.....	1	5	1–7	.....
*South Range	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sparta	1.7	3	.....	3	.....	4	.....	1	2	11	1–4	1
Spring Lake	1	.....	.....	2	.....	1	.....	1	1	4	.....	1
Springport	1	1	.....	1	.....	2	.....	.....	1	4	.....	.....
Stambaugh	3	2	4	13	.....	18	.....	4	7	37	All	4
Stanwood	.....	1	.....	1	.....	1	.....	.....	.....	3	.....	.....
Stephenson	3.5	2	.....	9	.....	10	.....	2	4	23	1–2	.....
†Stevensville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stockbridge	.6	3	.....	2	.....	2	.....	.....	1	7	3–7	.....
Sunfield	1	1	.....	2	.....	1	.....	.....	1	4	.....	.....
Sutton's Bay	.8	1	.....	1	.....	1	.....	1	1	4	1–5	.....
Tecumseh	2.3	4	.....	4	.....	6	.....	.....	3	14	3–4	1
Tekonsha	.8	2	1	1	.....	2	.....	.....	2	5	1–4	1
Thompsonville	.8	1	.....	2	.....	3	.....	.....	1	6	1–3	.....
Three Oaks	1	2	.....	4	.....	4	.....	.....	1	10	.....	2
*Tower	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trenton	.4	3	.....	3	.....	4	.....	1	1	11	4–7	1
Turner	1	.....	1	.....	.....	1	.....	2	2	3	.....	.....
Tustin	1	1	.....	2	.....	1	.....	.....	1	4	.....	.....
Twining	.....	1	.....	1	.....	1	.....	.....	.....	3	.....	.....
Ubly	1	.....	.....	1	.....	1	.....	.....	1	2	.....	.....
Union City	2.3	3	1	3	.....	3	.....	.....	4	9	5–7	1
Unionville	.5	1	.....	1	.....	1	.....	1	1	4	1–2	.....
Utica	.9	1	.....	2	.....	2	.....	.....	1	5	1–8	.....
Vandalia	1	1	.....	1	.....	1	.....	1	1	4	.....	.....
Vanderbilt	1.8	1	.....	1	.....	1	.....	1	2	4	1–4	1
Vassar	.5	3	.....	4	.....	5	.....	.....	1	12	1–2	1
Vermontville	.7	2	1	.....	.....	2	.....	.....	2	4	2-7	.....
Vernon	.8	.....	.....	2	.....	2	.....	.....	1	4	1-5	.....
†Vicksburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wakefield	6	3	.....	9	.....	13	.....	2	6	27	All	1
Waldron	1	1	.....	1	.....	1	.....	1	1	4	.....	.....
†Walkerville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren	.....	.....	1	.....	.....	1	.....	.....	1	1	.....	.....
*Washington Heights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Watervliet	1.7	2	.....	3	.....	3	.....	1	2	9	2–7	.....
Wayland	2	1	.....	1	.....	1	.....	1	2	4	.....	.....

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Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class					
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department	Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
24	36	37	....	32	43	16	2	....	61	$20 00	$15 00	$10 00	.....	17	13	7	21	No	12
24	44	55	....	40	60	9	2	....	71	30 00	24 00	16 00	.....	18	14	10	22	No	12
24	42	41	31	33	38	3	....	....	41	20 00	10 00	10 00	$10 00	17	13	9	8	Yes	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	.....	.....	..
15	31	37	....	23	20	5	....	....	25	20 00	10 00	.....	.....	18	14	.....	10	No	12
39	28	38	36	35	19	1	2	....	22	15 00	10 00	10 00	10 00	17	13	11	11	Yes	12
25	28	26	....	30	40	....	....	....	40	20 00	12 50	10 00	.....	17	14	10	10	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	.....	.....	..
25	21	31	....	26	38	2	1	....	41	18 00	18 00	14 40	.....	17	14	10	13	.....	..
13	37	36	29	29	7	....	2	....	9	20 00	10 00	10 00	10 00	18	14	9	9	Yes	12
24	27	29	21	27	86	3	2	....	91	30 00	15 00	15 00	15 00	18	13	10	22	Yes	12
20	32	26	....	26	34	1	....	....	35	20 00	7 12	7 12	7 12	18	14	10	6	Yes	12
15	22	62	44	30	56	3	3	3	65	.....	.....	.....	.....	18	....	.....	12	No	12
16	17	36	18	21	....	....	....	....	....	.....	.....	.....	.....	17	15	12	....	.....	11
27	18	29	24	25	13	....	....	....	13	9 00	.....	.....	.....	....	13	9	5	No	12
18	36	23	....	23	31	1	....	....	32	20 00	16 00	12 00	.....	17	14	9	11	.....	12
23	37	36	28	30	52	3	....	....	55	20 00	12 00	12 00	12 00	17	13	9	18	Yes	12
17	33	78	13	34	4	....	1	....	5	19 00	14 25	9 50	.....	16	14	10	9	Yes	10
22	28	15	....	20	25	2	1	....	28	20 00	10 00	10 00	.....	17	14	10	2	No	12
21	21	34	40	31	1	8	10	1	20	.....	.....	.....	.....	18	12	8	14	Yes	12
22	33	31	....	29	9	1	3	....	13	20 00	5 00	5 00	.....	....	....	.....	.....	No	10
19	32	36	40	32	13	....	....	....	13	20 00	.....	.....	.....	18	14	10	3	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	.....	.....	..
22	34	33	....	28	62	8	3	....	73	20 00	12 50	10 00	.....	18	....	.....	9	No	12
26	23	44	....	27	31	7	....	....	38	25 00	9 50	9 50	.....	16	14	9	7	No	12
21	16	28	43	26	22	1	3	1	27	27 00	9 00	9 00	9 00	....	....	.....	12	Yes	12
18	36	36	....	27	49	8	1	....	58	20 00	16 00	12 00	.....	17	14	10	14	No	12
18	37	33	....	28	29	1	....	....	30	20 00	9 00	9 00	.....	18	14	10	10	Yes	12
15	36	43	....	31	14	....	....	....	14	20 00	10 00	10 00	.....	17	14	11	3	No	12
22	31	40	....	32	26	4	6	....	36	20 00	16 50	9 00	.....	18	15	10	13	No	12
13	30	39	43	27	8	2	1	....	11	20 00	15 00	10 00	.....	18	14	10	3	Yes	12
24	28	41	32	32	3	....	....	....	3	10 00	5 00	5 00	5 00	15	13	10	5	No	10
34	18	43	....	29	50	1	....	....	51	20 00	20 00	20 00	.....	18	14	10	18	No	12
34	39	42	....	38	8	2	3	....	13	18 00	6 75	4 50	.....	....	....	.....	10	No	10
21	55	102	....	59	8	....	2	....	10	.....	.....	.....	.....	16	15	9	8	No	10
17	29	46	....	23	40	14	5	....	59	25 00	12 00	10 00	.....	17	14	10	14	No	..
19	39	35	38	30	10	....	....	....	10	20 00	20 00	20 00	.....	16	13	10	11	.....	..
20	21	37	....	26	27	....	....	....	27	18 00	15 00	13 00	.....	17	14	9	5	No	12
23	24	26	30	25	26	1	1	....	28	20 00	9 00	9 00	9 00	18	....	.....	7	No	12
6	40	48	20	20	6	....	....	....	6	20 00	.....	.....	.....	18	12	8	3	Yes	12
25	33	33	....	30	26	2	....	....	28	24 00	16 00	16 00	.....	18	....	.....	12	.....	12
17	62	17	....	25	31	6	....	....	37	30 00	13 30	13 30	.....	17	14	9	3	No	12
19	36	45	....	36	2	1	....	....	3	20 00	10 00	10 00	.....	....	14	10	....	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	.....	.....	..
15	32	35	38	34	5	3	....	....	8	.....	.....	.....	.....	18	14	.....	10	Yes	12
29	34	33	44	33	39	1	....	....	40	20 00	13 50	13 50	13 50	18	14	8	9	No	12
....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	.....	.....	.....	..
....	23	29	....	26	....	2	....	....	2	.....	12 00	.....	.....	....	....	.....	.....	.....	..
19	35	42	25	30	39	8	4	....	51	20 00	13 50	9 00	9 00	18	14	9	21	Yes	12
33	35	60	48	40	68	1	1	1	71	20 00	12 00	8 00	8 00	19	15	12	28	Yes	12

TABLE XVIII

Incorporated villages	Number of regular teachers employed										Portion of superintendent's time devoted to supervision	Number of special teachers
	High school department		Grammar department		Primary department		Kindergarten department		Whole school			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
Wayne	.5	3	.....	4	.....	4	.....	1	1	12	1-2	1
Webberville	1	1	.....	1	.....	2	.....	.....	1	4	.....	.....
*Westphalia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
White Cloud	.9	1	.....	2	.....	2	.....	.....	1	5	1-10	.....
Whitehall	.8	2	.....	4	.....	5	.....	.....	1	11	1-3	1
White Pigeon	.8	2	.....	2	.....	2	.....	.....	1	6	1-3	1
Williamston	2.7	3	.....	2	.....	4	.....	.....	3	9	4-7	1
Wolverine	.9	2	.....	2	.....	2	.....	1	1	7	1-10	.....
Woodland	1	.....	.....	1	.....	1	.....	.....	1	2	.....	.....

*Not legally graded
†No report received
‡Included in Lake Linden
§Includes Calumet and Red Jacket
‖‖Included in Laurium

—*Concluded*

Average number pupils to each teacher					Number of non-resident pupils					Rate of tuition per year				Average age of class			Number of graduates	Has school a kindergarten department below primary grade?	Number of grades in school
High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Whole school	High school department	Grammar department	Primary department	Kindergarten department	Graduated	Promoted to high school	Promoted to grammar department			
29	34	34	31	31	64	9	9	1	83	$25 00	$16 00	$12 00	$12 00	17	11	10	20	Yes	12
12	32	34	....	25	11	5	....	....	16	20 00	15 00	15 00	.....	18	14	12	3	No	12
25	30	40	....	31	16	....	....	....	16	20 00	20 00	20 00	.....	17	13	10	7	No	12
23	25	24	....	24	14	....	....	....	14	20 00	.....	.....	.....	17	13	9	20	Yes	12
13	21	31	....	21	19	1	....	....	20	20 00	12 00	9 00	.....	18	14	10	4	Yes	12
20	47	28	....	25	67	9	6	....	82	20 00	14 00	10 00	.....	19	14	10	16	No	12
16	30	24	30	23	15	2	....	....	17	20 00	14 75	.....	.....	18	....	.....	7	No	12
35	22	24	....	28	22	1	1	....	24	20 00	.....	.....	.....	15	13	9	13	No	10

TABLE

Financial statistics of city and graded village schools as

Incorporated cities	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Totals for cities	$207,201 30	$3,494,189 43	$390,498 74	$4,091,889 47	.....	.....	.....
Adrian	$2,500 00	$33,218 54	$7,494 38	$43,212 92	$29 33	$10 85	$40 18
Albion	2,000 00	21,989 87	2,850 00	26,839 87	35 52	9 95	45 47
Allegan	1,700 00	16,977 50	3,610 00	22,287 50	31 27	18 07	49 34
Alma	1,800 00	16,575 00	2,250 00	20,625 00	45 51	15 38	60 89
Alpena	2,200 00	36,713 13	2,117 00	41,030 13	40 52	15 92	56 28
Ann Arbor	3,000 00	74,155 30	10,600 00	87,755 30	53 30	14 30	67 60
†Au Gres	.....	.....	.....	.....	.....	.....	.....
Au Sable	600 00	500 00	.....	1,100 00	37 50	12 02	49 52
Bad Axe	1,550 00	8,897 50	600 00	11,047 50	27 58	12 23	39 81
Battle Creek	3,500 00	129,561 39	13,516 60	146,577 99	42 48	15 10	57 58
Bay City	4,200 00	180,800 00	10,000 00	195,000 00	63 09	12 10	75 19
Beaverton	900 00	2,613 50	.....	3,513 50	29 77	12 79	42 56
Belding	1,600 00	13,398 75	2,075 00	17,073 75	34 64	16 87	51 51
Benton Harbor	2,550 00	35,502 50	9,775 00	47,827 50	43 13	11 86	54 99
Bessemer	2,500 00	27,978 21	3,250 00	33,728 21	36 73	50 55	87 28
Big Rapids	1,750 00	16,146 66	2,200 00	20,096 66	34 72	5 40	40 12
Boyne City	1,800 00	21,495 29	4,115 00	27,410 29	40 00	13 55	53 55
Brown City	1,100 00	4,490 00	.....	5,590 00	35 00	24 96	59 96
Cadillac	2,050 00	32,800 46	6,299 96	41,150 42	41 77	16 45	58 22
Charlevoix	2,240 00	10,687 90	607 50	13,535 40	48 63	24 66	73 29
Charlotte	2,000 00	16,950 00	2,800 00	21,750 00	33 77	5 68	39 45
Cheboygan	1,488 00	19,814 00	1,400 00	22,702 00	33 65	9 88	43 53
Clare	1,100 00	6,475 00	550 00	8,125 00	37 35	8 96	46 31
Coldwater	1,800 00	22,616 25	2,415 00	26,831 25	40 33	8 21	48 54
†Coleman	.....	.....	.....	.....	.....	.....	.....
Corunna	1,775 00	5,610 00	500 00	7,885 00	29 35	8 24	37 59
Croswell	1,200 00	6,704 00	550 00	8,454 00	31 66	21 26	52 92
Crystal Falls	2,850 00	25,759 82	9,885 00	38,494 82	50 17	18 25	68 42
†Detroit	.....	.....	.....	.....	.....	.....	.....
Dowagiac	2,100 00	23,257 12	1,992 50	27,349 62	31 48	9 44	40 92
East Jordan	1,500 00	10,521 67	1,021 27	13,042 94	23 15	9 42	32 57
East Lansing	1,300 00	3,270 25	.....	4,570 25	25 19	10 79	35 98
East Tawas	1,200 00	4,600 00	.....	5,800 00	28 59	8 43	37 02
Eaton Rapids	1,400 00	8,416 75	1,295 00	11,111 75	38 38	14 06	52 44
Escanaba	2,700 00	47,778 47	4,050 00	54,528 47	44 79	7 04	51 83
Flint	3,300 00	135,606 21	13,207 50	152,113 71	40 19	6 63	46 82
Fremont	1,450 00	10,607 44	625 00	12,682 44	33 34	8 16	41 50
Gladstone	1,800 00	13,865 31	1,575 00	17,240 31	35 55	10 60	46 15
Gladwin	1,318 75	4,831 25	.....	6,150 00	23 55	7 17	30 72
Grand Haven	2,000 00	28,231 02	650 00	30,881 02	37 96	18 05	56 01
Grand Ledge	1,500 00	15,342 50	700 00	17,512 50	34 46	13 90	48 36
Grand Rapids	5,000 00	547,411 96	44,947 91	597,359 87	65 69	16 42	82 11
Greenville	1,900 00	15,350 00	1,925 00	19,175 00	38 36	5 22	43 58
Hancock	3,000 00	31,619 50	5,175 00	39,794 50	49 45	6 85	56 30
Harbor Beach	1,500 00	7,875 00	550 00	9,925 00	42 04	3 59	45 63
Harrison	850 00	1,935 00	295 00	3,080 00	32 25	6 59	38 84
Harrisville	900 00	1,850 00	.....	2,750 00	29 55	14 85	44 40
Hastings	2,300 00	21,174 00	2,250 00	25,724 00	36 44	13 97	50 41
Hillsdale	1,900 00	22,632 50	2,950 00	27,482 50	48 79	16 88	65 67
Holland	2,500 00	38,664 08	4,675 00	45,839 08	40 36	25 32	65 68

XIX

reported by superintendents for the year 1915-1916

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
$27 09	$11 02	$38 11	$26 98	$10 93	$37 91	.....	.....	.....	$27 97	$10 90	$38 87
16 75	9 95	26 70	18 76	9 95	28 71	.....	.....	.....	21 96	9 95	31 91
19 56	5 87	25 43	24 02	7 06	31 08	$30 89	$24 82	$55 71	24 99	10 89	35 88
19 17	5 83	25 00	17 15	6 57	23 72	15 68	16 88	32 56	24 37	8 93	33 30
21 43	9 94	33 15	26 45	11 42	37 87	32 35	26 37	58 72	26 97	11 81	38 78
30 28	14 30	44 58	24 69	14 30	38 99	.....	.....	.....	34 42	14 30	48 72
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	15 62	6 01	21 63	.....	.....	.....	22 91	8 02	30 93
15 42	12 23	27 65	16 50	12 23	28 73	18 57	12 23	30 80	19 16	12 23	31 39
29 03	16 05	45 08	23 53	17 23	40 76	21 49	1 18	22 67	28 53	15 73	44 26
28 69	12 10	40 79	27 51	12 10	39 61	23 41	12 10	35 51	31 47	12 10	43 57
11 26	12 79	24 05	15 95	12 79	28 74	.....	.....	.....	17 92	12 79	30 71
21 56	9 18	30 74	17 09	7 66	24 75	30 55	22 95	53 50	23 42	11 34	34 76
26 34	11 86	38 20	18 75	11 86	30 61	23 59	11 86	35 45	25 78	11 86	37 64
23 93	25 53	49 46	21 34	24 73	46 07	15 52	64 49	80 01	24 09	34 82	58 91
22 10	12 10	34 20	17 29	12 22	29 51	16 91	12 33	29 24	23 34	10 40	33 74
17 18	5 83	23 01	21 03	7 83	28 86	15 89	6 79	22 68	21 80	7 83	29 63
15 63	26 20	41 83	14 47	22 06	36 53	15 28	29 11	44 39	21 92	24 42	46 34
25 15	7 42	32 57	17 05	4 41	21 46	15 46	2 82	18 28	23 05	6 97	31 02
21 54	16 69	38 23	20 88	10 12	31 00	.....	.....	.....	27 07	15 20	42 27
15 95	5 68	21 63	13 86	5 68	19 54	.....	.....	.....	19 19	5 68	24 87
18 37	9 88	28 25	17 42	9 88	27 30	.....	.....	.....	20 90	9 88	30 78
21 29	8 96	30 25	18 14	8 96	27 10	.....	.....	.....	24 11	8 96	33 07
23 07	8 21	31 28	22 03	8 21	30 24	15 00	8 21	23 21	26 35	8 21	34 56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 30	8 24	26 54	17 28	8 24	25 52	24 29	8 24	32 53	20 97	8 24	29 21
16 62	12 86	28 48	14 59	8 75	23 34	10 23	7 96	18 19	20 08	13 63	33 71
26 05	15 57	41 62	21 88	15 31	37 19	17 85	8 03	25 88	26 04	14 88	40 92
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20 34	9 44	29 78	19 86	9 44	29 30	22 50	9 44	31 94	22 79	9 44	32 23
30 27	9 83	40 10	15 43	4 94	20 37	25 48	8 24	33 72	21 35	7 48	28 83
18 18	10 79	28 97	12 16	10 79	22 95	.....	.....	.....	17 92	10 79	28 71
17 54	8 43	25 97	10 73	8 43	19 16	.....	.....	.....	16 86	8 43	25 29
21 71	4 40	26 11	18 03	3 82	21 85	16 03	2 18	18 21	24 97	6 86	31 83
21 49	7 04	28 53	17 81	7 04	24 85	22 65	7 04	29 09	23 76	7 04	30 80
21 85	6 63	28 48	12 75	6 63	19 38	45 61	6 63	52 24	21 23	6 63	27 86
18 57	8 16	26 45	16 79	8 16	25 24	8 67	8 16	16 83	20 76	8 16	28 92
21 91	10 64	32 55	13 91	12 51	26 42	12 71	1 07	13 78	20 31	10 72	31 03
18 73	3 15	21 88	11 60	1 05	12 65	26 35	3 57	29 92	17 47	3 44	20 91
24 47	18 05	42 52	21 71	18 05	39 76	28 75	18 05	46 80	25 73	18 05	43 78
23 25	13 90	37 15	22 21	13 90	36 11	.....	.....	.....	25 49	13 90	39 39
41 06	16 42	57 48	29 12	16 42	45 54	26 91	16 42	43 33	37 89	16 42	54 31
20 90	13 40	34 30	15 30	7 65	22 95	.....	.....	.....	22 32	8 66	30 98
17 98	9 54	27 52	24 07	20 23	44 30	26 42	8 99	35 41	26 51	12 69	39 20
18 29	3 59	21 88	16 19	3 59	19 78	21 79	3 59	25 38	22 61	3 59	26 20
16 67	6 59	23 26	18 17	6 59	24 76	23 28	6 59	29 87	23 33	6 59	29 92
13 51	8 83	22 34	10 55	7 26	17 81	.....	.....	.....	16 08	9 55	25 63
22 22	13 97	36 19	16 99	13 97	30 96	.....	.....	.....	24 38	13 97	38 35
18 00	8 67	26 67	22 63	3 68	26 31	17 73	91	18 64	26 55	8 07	34 62
20 80	12 37	33 17	17 90	10 12	28 02	15 26	11 71	26 97	22 33	13 52	35 85

TABLE XIX

Incorporated cities	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Howell	$1,500 00	$10,209 00	$600 00	$12,309 00	$36 32	$12 13	$48 45
Hudson	1,450 00	10,165 25	.....	11,615 25	29 54	2 20	31 74
Ionia	2,000 00	21,007 25	2,325 00	25,332 25	41 38	14 95	56 33
Iron Mountain	2,500 00	50,942 63	3,183 50	56,626 13	45 01	15 19	60 20
Ironwood	3,100 00	66,439 00	5,400 00	74,939 00	55 71	12 87	68 58
Ishpeming	3,500 00	60,713 77	3,560 00	67,773 77	50 65	16 76	67 41
Jackson	4,000 00	120,092 74	8,125 00	132,217 74	43 24	8 21	51 45
Jonesville	1,200 00	4,600 00	500 00	6,300 00	30 72	7 63	38 35
Kalamazoo	3,350 00	155,870 54	44,834 37	204,054 91	71 92	10 31	82 23
Lansing	2,950 00	118,209 32	6,575 00	127,734 32	38 68	11 93	50 61
Lapeer	1,600 00	12,350 00	2,000 00	15,950 00	31 57	14 33	45 90
Ludington	3,200 00	30,527 28	3,312 93	37,040 21	39 59	12 16	51 75
Mackinac Island	900 00	2,205 00	.....	3,105 00	95 63	14 98	110 61
Manistee	2,700 00	43,971 67	3,326 87	49,998 54	49 96	9 52	59 48
Manistique	2,000 00	22,744 25	1,300 00	26,044 25	35 84	11 39	47 23
Marine City	1,550 00	9,975 00	625 00	12,150 00	41 42	14 58	56 00
Marquette	2,200 00	47,616 24	8,900 00	58,716 24	52 08	21 76	73 84
Marshall	1,800 00	16,150 00	2,355 00	20,305 00	35 05	7 45	42 50
Mason	1,350 00	6,553 11	575 00	8,478 11	21 59	7 15	28 74
McBain	675 00	1,260 00	.....	1,935 00	56 25	5 83	62 08
Menominee	2,900 00	46,582 51	2,362 50	51,845 01	49 80	15 22	65 02
Midland	1,250 00	11,735 00	1,600 00	14,585 00	35 11	9 57	44 68
Monroe	2,500 00	25,051 00	3,050 00	30,601 00	52 42	14 93	67 35
Mt. Clemens	2,200 00	25,300 00	3,200 00	30,700 00	55 17	16 75	71 92
Mt. Pleasant	1,800 00	11,825 00	2,200 00	15,825 00	37 98	11 60	49 58
Munising	1,605 59	18,124 78	1,000 00	20,730 37	71 11	18 58	89 69
Muskegon	3,800 00	109,611 26	7,278 75	120,690 01	34 70	9 50	44 20
Muskegon Heights	1,200 00	10,962 00	1,176 00	13,338 00	32 04	16 87	48 91
Negaunee	2,300 00	35,269 00	1,150 00	38,719 00	48 66	14 20	62 86
Niles	2,000 00	19,227 50	3,625 00	24,852 50	51 66	11 99	63 65
North Muskegon	550 00	550 00	.....	1,100 00	.....	.....	.....
Norway	1,700 00	22,008 75	3,752 50	27,461 25	40 15	16 56	56 71
Omer	750 00	1,375 00	.....	2,125 00	62 50	4 63	67 13
Onaway	1,500 00	9,225 00	2,100 00	12,825 00	27 00	12 57	39 57
†Owosso	.....	.....	.....	.....	.....	.....	.....
Petoskey	1,899 00	23,157 75	7,724 18	32,780 93	41 49	24 01	65 50
†Pontiac	.....	.....	.....	.....	.....	.....	.....
Port Huron	2,500 00	59,384 94	5,527 44	67,412 38	38 47	8 43	46 90
Rose City	750 00	2,500 00	.....	3,250 00	30 00	6 58	36 58
Saginaw	3,600 00	96,286 50	25,772 50	125,659 00	57 27	35 58	92 85
Saginaw, W. S.	2,700 00	72,745 90	3,990 00	79,435 90	50 04	17 16	67 20
St. Clair	1,500 00	7,875 00	500 00	9,875 00	42 02	10 39	52 41
St. Ignace	1,250 00	7,325 00	.....	8,575 00	34 85	5 22	40 07
St. Johns	2,700 00	14,200 00	1,750 00	18,650 00	40 35	11 84	52 19
St. Joseph	2,199 96	*20,985 62	1,300 00	24,485 58	46 30	10 99	57 29
St. Louis	1,950 00	10,000 00	1,950 00	13,900 00	52 13	8 53	60 66
Sandusky	1,300 00	5,177 50	.....	6,477 50	29 16	11 65	40 81
Sault Ste. Marie	2,800 00	52,236 95	9,500 00	64,536 95	51 65	19 95	71 60
Scottville	1,400 00	5,852 50	.....	7,252 50	29 88	11 77	41 65
South Haven	2,000 00	19,175 00	1,675 00	22,850 00	27 62	18 09	45 71
Standish	1,100 00	4,315 00	.....	5,415 00	19 01	18 82	37 83
Stanton	1,100 00	4,222 50	500 00	5,822 50	37 03	5 20	42 23
Sturgis	1,800 00	16,478 85	712 50	18,991 35	25 95	7 22	33 17
†Tawas City	.....	.....	.....	.....	.....	.....	.....

—Continued

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
$11 83	$12 13	$23 96	$22 13	$12 13	$34 26	.....	.....	.....	$22 54	$12 13	$34 67
18 76	2 20	20 96	18 37	2 20	20 57	.....	.....	.....	21 92	2 20	24 12
26 86	10 20	37 06	17 25	6 73	23 98	.....	.....	.....	24 90	9 40	34 30
24 72	15 17	39 89	16 77	16 27	33 04	.....	.....	.....	23 42	15 74	39 16
24 70	18 90	43 60	19 03	12 59	31 62	$23 83	$10 67	$34 50	26 44	14 20	40 64
24 09	11 14	36 13	22 42	12 05	34 47	.....	.....	.....	29 39	13 15	42 54
26 98	8 21	35 19	22 08	8 21	30 29	17 73	8 21	25 94	26 51	8 21	34 72
20 86	7 63	28 49	18 17	7 63	25 80	.....	.....	.....	22 34	7 63	29 97
33 24	10 31	43 55	22 12	10 31	32 43	27 63	10 31	37 94	34 68	10 31	44 99
20 71	11 93	32 64	17 15	11 93	29 08	18 77	11 93	30 70	21 27	11 93	33 20
24 59	7 39	31 98	21 32	4 79	26 11	40 48	1 21	41 69	25 85	8 19	34 04
27 72	12 16	39 88	18 76	12 16	30 92	16 14	12 16	28 30	24 77	12 16	36 93
13 99	14 98	28 97	13 85	14 98	28 83	.....	.....	.....	24 07	14 98	39 05
28 69	10 65	39 34	27 63	10 98	38 61	23 98	10 11	34 09	31 88	10 51	42 39
27 48	11 41	38 89	21 90	11 43	33 33	21 77	11 45	33 22	26 74	11 43	38 17
18 46	7 77	26 23	18 49	9 70	28 19	26 57	19 81	46 38	23 26	10 70	33 96
35 84	15 23	51 07	24 91	10 24	35 15	39 04	14 90	53 94	34 60	14 38	48 98
23 39	7 45	30 84	22 77	7 45	30 22	.....	.....	.....	26 07	7 45	33 52
20 10	7 15	27 25	17 16	7 15	24 31	.....	.....	.....	19 72	7 15	26 87
26 47	5 83	32 30	9 64	5 83	15 47	9 42	5 83	15 25	16 98	5 83	22 81
19 18	5 95	25 13	20 50	5 73	26 23	20 31	6 27	26 58	25 15	7 51	32 66
16 94	9 57	26 51	8 74	9 57	18 31	.....	.....	.....	17 18	9 57	26 75
21 25	14 93	36 18	17 34	14 93	32 27	17 89	14 93	32 82	26 66	14 93	41 59
19 49	15 60	35 09	19 88	8 35	28 23	22 35	9 01	31 36	25 37	12 13	37 50
25 19	4 11	29 30	23 37	3 33	26 70	18 10	1 73	19 83	29 14	6 61	35 75
27 74	15 77	43 51	18 87	19 14	38 01	.....	.....	.....	30 35	18 12	48 47
26 65	9 50	36 15	25 04	9 50	34 54	29 76	9 50	39 26	27 47	9 50	36 97
18 53	16 87	35 40	11 94	16 87	28 81	16 23	16 87	33 10	16 07	16 87	32 94
26 46	14 20	40 66	15 71	14 20	29 91	20 24	14 20	34 44	24 56	14 20	38 76
22 48	11 99	34 47	16 99	11 99	28 98	.....	.....	.....	24 06	11 99	36 05
11 46	8 96	20 42	11 23	8 96	20 19	.....	.....	.....	11 34	8 96	20 30
18 39	7 41	25 80	16 57	5 53	22 10	14 65	4 81	19 46	20 15	7 59	27 74
17 86	4 63	22 49	14 51	4 63	19 14	11 49	4 63	16 12	19 67	4 63	24 30
22 69	12 57	35 26	21 12	12 57	33 69	7 81	12 57	20 38	20 48	12 57	33 05
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29 29	24 01	53 30	25 59	24 01	49 60	15 89	24 01	39 90	30 24	24 01	54 25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21 67	18 64	40 31	14 67	12 62	27 29	.....	.....	.....	20 96	13 97	34 93
14 92	4 83	19 75	14 70	4 84	19 54	.....	.....	.....	16 75	5 09	21 84
27 19	11 50	38 69	21 43	10 27	31 70	.....	.....	.....	29 82	15 15	44 97
21 59	17 16	38 75	17 09	17 16	34 25	22 57	17 16	39 73	23 66	17 16	40 82
16 98	10 32	27 30	17 72	11 67	29 39	.....	.....	.....	22 70	10 90	33 60
25 23	9 56	34 79	18 49	7 17	25 66	.....	.....	.....	23 43	7 52	30 95
31 87	11 84	43 71	19 94	11 84	31 78	.....	.....	.....	28 17	11 84	40 01
21 18	10 99	32 17	19 70	10 99	30 69	18 88	10 99	29 87	25 21	10 99	36 20
17 41	8 53	25 94	19 59	8 55	28 14	.....	.....	.....	26 89	8 53	35 42
15 26	10 04	25 30	15 44	10 04	25 48	13 83	11 24	25 07	18 67	10 60	29 27
25 05	14 34	39 39	20 70	8 54	29 24	27 10	20 99	48 09	28 37	13 88	42 25
15 21	11 03	26 24	13 68	13 69	27 37	.....	.....	.....	19 24	12 32	31 56
25 24	18 09	43 33	22 69	18 09	40 78	.....	.....	.....	24 89	18 09	42 98
13 52	18 82	32 34	14 46	18 82	33 28	.....	.....	.....	15 51	18 82	34 33
21 16	8 89	30 05	15 59	8 74	24 33	.....	.....	.....	22 65	7 89	30 54
23 24	7 17	30 41	16 37	7 17	23 54	9 02	7 17	16 19	19 45	7 18	26 63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE XIX

Incorporated cities	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Three Rivers	$1,400 00	$19,723 50	$700 00	$21,823 50	$56 68	$15 16	$71 84
Traverse City	2,500 00	39,679 71	5,635 08	47,814 79	36 07	7 38	43 45
†West Branch	.....	.....	.....	.....	.....	.....	.....
Whittemore	700 00	435 00	.....	1,135 00	50 00	5 92	55 92
Wyandotte	2,000 00	28,354 76	1,475 00	31,829 76	19 58	15 27	34 85
Yale	1,300 00	6,836 75	.....	8,136 75	29 53	13 39	42 92
Ypsilanti	2,500 00	25,271 25	3,850 00	31,621 25	41 34	15 70	57 04
Zeeland	1,500 00	10,250 00	600 00	12,350 00	49 14	9 94	59 08

—*Continued*

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
$15 51	$6 42	$21 93	$18 59	$7 34	$25 93	$25 05	$8 85	$33 90	$26 45	$8 90	$35 35
23 20	10 43	33 63	19 99	11 32	31 31	26 72	11 94	38 66	25 29	10 13	35 42
11 66	5 92	17 58	7 63	5 92	13 55	.....	.....	.....	12 07	5 92	17 99
40 62	31 08	71 70	34 16	12 95	47 11	.....	.....	.....	31 60	17 03	48 63
20 75	7 92	28 67	17 20	6 40	23 60	16 64	11 22	27 86	21 81	9 36	31 17
31 88	15 70	47 58	22 89	15 70	38 59	.....	.....	.....	31 15	15 70	46 85
17 42	9 94	27 36	12 79	9 94	22 73	20 36	9 94	30 30	22 66	9 94	32 60

TABLE XIX

Incorporated villages	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Central Lake	$1,000 00	$3,560 00		$4,560 00	$29 67	$7 76	$37 43
Centreville	950 00	2,952 75	$570 00	4,472 75	31 39	7 20	38 59
Chelsea	1,300 00	6,925 10	475 00	8,700 00	33 63	17 70	51 33
Chesaning	1,300 00	5,114 10	600 00	7,014 10	36 59	10 50	47 09
Clarkston	1,000 00	2,000 00		3,000 00	36 25	15 63	51 88
†Clayton							
*Clifford							
Climax	850 00	1,890 00		2,740 00	27 98	7 41	35 39
Clinton	1,100 00	3,194 07	223 93	4,518 00	40 05	8 42	48 47
Clio	1,150 00	3,900 00	600 00	5,650 00	35 90	8 47	44 37
†Coloma							
Colon	1,000 00	4,137 50	495 00	5,632 50	33 72	8 95	42 67
Columbiaville	900 00	1,600 00		2,500 00	42 43	11 12	53 55
Concord	950 00	2,025 00	250 00	3,225 00	46 78	7 36	54 14
Constantine	843 00	5,972 00	560 00	7,375 00	47 84	15 65	63 49
Coopersville	900 00	4,180 00	230 25	5,310 25	30 24	11 32	41 56
Copemish	720 00	900 00	100 00	1,720 00	45 55	4 09	49 64
Custer	675 00	900 00		1,575 00	42 19	12 13	54 32
*Daggett							
Dansville	850 00	1,875 00		2,725 00	54 00	5 74	59 74
Davison	1,200 00	3,575 00		4,775 00	46 36	7 56	53 92
Dearborn	1,150 00	5,945 00	200 00	7,295 00	37 61	5 27	42 88
Decatur	1,200 00	6,271 31		7,471 31	36 69	17 27	53 96
†Deckerville							
Deerfield	765 00	1,755 00		2,520 00	30 94	12 17	43 11
†Detour							
Dexter	900 00	3,602 00		4,502 00	33 93	8 72	42 65
Dimondale	850 00	1,567 50		2,417 50	34 00	8 82	42 82
Douglas	765 00	1,980 00		2,745 00	50 19	15 59	65 78
†Dryden							
Dundee	1,300 00	4,139 00		5,439 00	31 73	15 50	47 23
Durand	1,700 00	9,230 00		10,930 00	34 55	15 89	50 44
*Eagle							
East Grand Rapids	750 00	2,540 00	360 00	3,650 00			
†East Lake							
†Eau Claire							
Ecorse	1,050 00	5,000 00	345 36	6,395 36	250 00	13 97	263 97
Edmore	1,200 00	2,785 00		3,985 00	38 02	4 15	42 17
Edwardsburg	810 00	1,485 00		2,295 00	30 35	5 88	36 23
*Elberta	1,000 00	2,205 00		3,205 00	41 30	10 97	52 27
Elk Rapids	1,200 00	5,533 75	475 00	7,208 75	32 35	10 59	42 94
Elkton	1,100 00	3,525 00		4,625 00	36 22	4 49	40 71
Elsie	1,100 00	3,421 00		4,521 00	27 88	11 55	39 43
*Emmett							
Empire	900 00	2,250 00		3,150 00	23 10	7 39	30 49
Essexville	950 00	1,950 00	650 00	3,550 00	46 66	17 54	64 20
†Evart							
Fairgrove	850 00	1,850 00		2,700 00	68 42	6 96	75 38
Farmington	1,000 00	2,325 00		3,325 00	45 71	7 82	53 53
Farwell							
Fennville	900 00	2,475 00		3,375 00	22 18	6 10	28 28
Fenton	1,500 00	8,150 00	1,000 00	10,650 00	30 92	10 48	41 40
Fife Lake	675 00	1,440 00		2,115 00	20 46	8 26	28 72
Flushing	1,400 00	5,125 00		6,525 00	39 78	22 82	62 60
†Ford							

—*Continued*

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
$16 67	$3 10	$19 77	$15 29	$3 63	$18 92	.....	.....	.....	$20 18	$4 21	$24 39
23 39	7 20	30 59	29 07	7 20	36 27	.....	.....	.....	28 31	7 20	35 51
26 84	15 79	42 63	16 55	9 21	25 76	.....	.....	.....	24 86	13 74	38 60
18 37	6 12	24 49	16 17	6 42	22 59	$28 68	$13 88	$42 56	22 99	7 82	30 81
23 57	15 63	39 20	11 25	15 63	26 88	.....	.....	.....	22 22	15 63	37 85
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16 67	7 41	24 08	19 00	7 41	26 41	.....	.....	.....	21 24	7 41	28 65
20 49	8 42	28 91	13 73	8 42	22 15	.....	.....	.....	24 16	8 42	32 58
13 18	8 47	21 65	14 60	8 47	23 07	.....	.....	.....	20 04	8 47	28 51
17 68	6 38	24 06	15 16	5 57	20 73	28 13	13 75	41 88	22 89	7 45	30 34
15 71	11 12	26 83	11 00	11 12	22 12	.....	.....	.....	21 19	11 12	32 31
20 93	10 62	31 55	19 89	10 37	30 26	.....	.....	.....	27 33	9 67	37 00
33 77	10 11	43 88	19 60	7 52	27 12	21 43	35 48	56 91	32 78	12 64	45 42
12 50	11 32	23 82	13 16	11 32	24 48	.....	.....	.....	19 42	11 32	30 74
30 00	4 09	34 09	5 23	4 09	9 32	.....	.....	.....	14 45	4 09	18 54
14 06	12 13	26 19	13 24	12 13	25 37	.....	.....	.....	19 21	12 13	31 34
41 66	5 74	47 40	11 05	5 74	16 79	13 79	5 74	19 53	25 00	5 74	30 74
25 00	7 56	32 56	19 83	7 56	27 39	.....	.....	.....	30 61	7 56	38 17
17 18	5 27	22 45	17 42	5 27	22 69	.....	.....	.....	21 58	5 27	26 86
17 81	3 97	21 78	14 09	3 57	17 66	.....	.....	.....	18 54	7 07	25 61
23 69	8 54	32 23	11 40	4 44	15 84	.....	.....	.....	19 09	7 37	26 46
21 38	8 72	30 10	19 49	8 72	28 21	.....	.....	.....	25 59	8 72	34 31
24 30	8 82	33 12	20 09	8 82	28 91	.....	.....	.....	25 72	8 82	34 54
15 76	15 59	31 35	22 50	15 59	38 09	14 51	15 59	30 10	24 96	15 59	40 55
17 73	15 50	33 23	13 45	15 50	28 95	19 29	15 50	34 79	21 24	15 50	36 74
15 43	7 42	22 85	13 39	5 54	18 93	16 28	4 65	20 93	17 89	7 86	25 75
19 29	15 63	34 92	21 69	15 63	37 32	.....	.....	.....	20 74	15 63	36 37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21 14	13 97	35 11	9 31	13 97	23 28	11 54	13 97	25 51	16 44	13 97	30 41
9 64	4 15	13 79	10 02	4 15	14 17	.....	.....	.....	14 87	4 15	19 02
18 33	5 88	24 21	14 56	5 88	20 44	.....	.....	.....	22 07	5 88	27 95
9 72	3 71	13 43	15 00	5 61	20 61	.....	.....	.....	19 54	6 09	25 63
24 66	10 59	35 25	28 64	10 59	39 23	.....	.....	.....	29 07	10 59	39 66
17 97	3 75	21 72	14 66	3 10	17 76	.....	.....	.....	20 19	3 78	23 97
15 50	11 55	27 05	13 69	11 55	25 24	.....	.....	.....	18 91	11 55	30 46
14 04	7 39	21 43	17 69	7 39	25 08	12 76	7 39	20 15	16 93	7 39	24 32
18 00	17 54	35 54	24 29	17 54	41 83	.....	.....	.....	28 40	17 54	45 94
15 62	6 96	22 58	12 85	6 96	19 81	12 16	6 96	19 12	21 95	6 96	28 91
12 50	7 82	20 32	12 50	7 82	20 32	.....	.....	.....	19 22	7 82	27 04
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13 64	6 10	19 74	12 16	6 10	18 26	.....	.....	.....	15 99	6 10	22 09
17 79	10 48	28 27	18 98	10 48	29 46	.....	.....	.....	21 80	10 48	32 28
22 50	8 26	30 76	17 07	8 26	25 33	16 07	8 26	24 33	18 89	8 26	27 15
15 28	14 69	29 97	11 98	7 04	19 02	17 65	19 65	37 30	22 04	15 05	37 09
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE XIX

Incorporated villages	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Forestville	$765 00	$210 00	.....	$975 00	$27 32	$4 30	$31 62
*Fountain	.....	.....	.....	.....	.....	.....	.....
†Fowler	.....	.....	.....	.....	.....	.....	.....
Fowlerville	1,200 00	3,775 00	$550 00	5,525 00	34 78	9 40	44 18
*Frankenmuth	.....	.....	.....	.....	.....	.....	.....
Frankfort	1,200 00	7,450 00	600 00	9,250 00	26 21	11 54	37 75
*Fraser	.....	.....	.....	.....	.....	.....	.....
Freeport	1,140 00	2,185 00	.....	3,325 00	57 32	24 71	82 03
Freesoil	675 00	1,215 00	.....	1,890 00	41 66	29 00	70 66
Fruitport	750 00	1,050 00	.....	1,800 00	44 11	18 54	62 65
Gagetown	750 00	1,550 00	.....	2,300 00	28 57	5 77	34 34
Gaines	900 00	1,250 00	.....	2,150 00	37 50	5 65	43 15
Galesburg	1,100 00	3,079 48	540 00	4,719 48	63 75	14 28	78 03
Galien	800 00	2,040 00	.....	2,840 00	25 10	6 12	31 22
*Garden	.....	.....	.....	.....	.....	.....	.....
Gaylord	1,300 00	8,110 00	.....	9,410 00	41 68	25 84	67 52
Gobleville	1,050 00	2,826 25	.....	3,876 25	32 64	6 86	39 50
Grandville	1,100 00	5,000 00	.....	6,100 00	27 56	11 85	39 41
Grant	807 50	2,635 00	.....	3,442 50	17 09	6 89	23 98
Grass Lake	1,100 00	4,450 00	.....	5,550 00	31 65	6 07	37 72
Grayling	1,250 00	7,093 75	657 50	9,001 25	43 35	4 47	47 82
Grosse Pointe	1,025 00	3,825 00	.....	4,850 00	.....	.....	.....
*Grosse Pointe Farms	.....	.....	.....	.....	.....	.....	.....
*Grosse Pointe Park	.....	.....	.....	.....	.....	.....	.....
*Grosse Pointe Shores	.....	.....	.....	.....	.....	.....	.....
Hamtramck	2,250 00	28,085 50	750 00	31,085 50	69 56	104 00	173 56
Hanover	800 00	2,150 00	.....	2,950 00	27 55	5 75	33 30
Harbor Springs	1,700 00	12,850 00	1,425 00	14,275 00	42 33	7 54	49 87
Harrietta	720 00	900 00	.....	1,620 00	51 43	10 48	61 91
Hart	1,800 00	10,249 50	.....	12,049 50	38 18	9 13	47 31
Hartford	1,300 00	6,283 75	522 50	8,106 25	24 56	6 98	31 54
Hersey	782 50	1,758 75	.....	2,541 25	29 56	7 38	36 94
Hesperia	900 00	2,533 75	.....	3,433 75	25 30	8 35	33 65
Highland Park	3,499 92	109,764 78	11,178 77	124,443 47	53 94	28 57	82 51
†Hillman	.....	.....	.....	.....	.....	.....	.....
*Hilltop	.....	.....	.....	.....	.....	.....	.....
Holly	1,350 00	5,825 00	550 00	7,725 00	32 03	15 37	47 40
Homer	1,000 00	4,507 50	700 00	6,207 50	33 95	8 02	41 97
Honor	900 00	2,710 00	.....	3,610 00	40 21	7 70	47 91
Houghton	3,240 00	47,067 56	11,125 75	61,433 31	60 00	22 14	82 14
Howard City	1,099 63	3,806 25	199 00	5,104 88	27 62	9 18	36 80
Hubbardston	675 00	1,305 00	.....	1,980 00	41 00	11 48	52 48
‡Hubbell	.....	.....	.....	.....	.....	.....	.....
Imlay City	1,400 00	5,200 00	.....	6,600 00	40 34	3 58	43 92
Iron River	2,400 00	28,269 50	5,301 05	35,970 55	65 91	13 97	79 88
Ithaca	1,250 00	9,850 00	1,500 00	12,600 00	30 41	14 01	44 42
Kalkaska	1,000 00	3,780 00	.....	4,780 00	25 99	8 95	34 94
Kent City	1,100 00	3,220 00	.....	4,320 00	38 04	11 14	49 18
Kinde	800 00	1,800 00	.....	2,600 00	38 10	3 03	41 13
Kingsley	765 00	2,385 00	.....	3,150 00	24 60	5 32	29 92
Kingston	950 00	1,902 50	.....	2,852 50	28 30	4 10	32 40
Laingsburg	1,000 00	2,400 00	.....	3,400 00	26 47	3 55	30 02
†Lake Ann	.....	.....	.....	.....	.....	.....	.....
Lake City	1,025 00	3,740 50	512 00	5,277 50	22 44	10 04	32 48
Lake Linden	1,800 00	199,929 99	1,146 21	22,876 20	52 73	25 58	78 31

—*Continued*

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
.....	.....	.....	$5 83	$4 30	$10 13	.....	.....	.....	$15 23	$4 30	$19 53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
$20 34	$9 40	$29 74	15 20	9 40	24 60	.....	.....	.....	24 54	9 40	33 94
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20 68	9 35	30 03	19 26	7 77	27 03	$19 64	$23 97	$43 61	21 41	10 23	31 64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19 91	14 80	34 71	13 00	8 34	21 34	.....	.....	.....	23 92	13 50	37 42
8 79	9 51	18 30	7 23	5 41	12 64	.....	.....	.....	15 24	11 90	27 14
19 23	18 54	37 77	19 64	18 54	38 18	.....	.....	.....	25 35	18 54	43 89
10 18	5 77	15 95	13 41	5 77	19 18	.....	.....	.....	16 79	5 77	22 56
21 25	5 65	26 90	10 26	5 65	15 91	.....	.....	.....	20 87	5 65	26 52
24 65	7 45	32 10	15 80	4 95	20 75	.....	.....	.....	28 95	7 79	36 74
27 25	6 12	33 37	11 55	6 12	17 67	.....	.....	.....	17 75	6 12	23 87
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24 74	20 17	44 91	19 05	15 37	34 42	19 85	12 71	32 56	26 81	19 26	46 07
18 27	6 86	25 13	15 82	6 86	22 68	.....	.....	.....	22 15	6 86	29 01
14 01	11 85	25 86	16 30	11 85	28 15	14 06	11 85	25 91	17 90	11 85	29 75
19 04	6 89	25 93	15 00	6 89	21 89	.....	.....	.....	17 50	6 89	24 39
21 23	6 07	27 30	21 43	6 07	27 50	.....	.....	.....	25 00	6 07	31 07
13 92	4 47	18 39	13 39	4 47	17 86	.....	.....	.....	17 11	4 47	21 58
26 53	25 72	52 25	18 59	25 72	44 31	.....	.....	.....	22 15	25 72	47 87
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19 64	15 86	35 50	16 35	16 18	32 53	11 04	15 26	26 30	17 58	17 27	34 85
15 71	5 75	21 46	24 36	5 75	30 11	.....	.....	.....	23 98	5 75	29 73
25 00	7 54	32 54	15 55	7 54	23 09	17 44	7 54	24 98	27 09	7 54	34 63
12 86	10 48	23 04	18 75	10 48	29 23	.....	.....	.....	22 19	10 48	32 67
12 55	9 13	21 68	13 49	9 13	22 62	19 17	9 13	28 30	21 79	9 13	30 92
24 83	7 75	32 58	19 29	7 45	26 74	13 57	10 09	23 66	22 58	7 54	30 12
29 48	8 54	38 02	13 64	3 58	17 22	14 62	4 18	18 80	21 54	5 72	27 26
17 70	8 44	26 14	16 47	8 36	24 83	.....	.....	.....	19 96	8 38	28 34
24 60	28 57	53 17	29 86	28 57	58 43	.....	.....	.....	31 44	28 57	60 01
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15 07	9 12	24 19	16 76	7 04	23 80	.....	.....	.....	21 76	10 48	32 24
21 88	6 82	28 70	18 34	7 69	26 03	.....	.....	.....	24 73	7 47	32 20
9 89	7 70	17 59	11 94	7 70	19 64	12 27	7 70	19 97	18 23	7 70	25 93
32 39	22 14	54 53	21 40	22 14	43 54	21 09	22 14	43 23	31 20	22 14	53 34
20 46	12 50	32 96	11 04	6 66	17 70	31 36	16 63	47 99	18 83	9 34	28 17
18 20	11 48	29 68	26 32	11 48	37 80	.....	.....	.....	28 69	11 48	40 17
16 89	3 58	20 47	13 30	3 58	16 88	14 58	3 58	18 16	22 37	3 58	25 95
28 72	13 97	42 69	19 34	13 97	33 31	20 00	13 97	33 97	26 84	13 97	40 81
20 33	14 01	34 34	22 96	14 01	36 97	23 33	14 01	37 34	24 71	14 01	38 72
15 73	8 95	24 68	11 90	8 95	20 85	24 75	8 95	33 70	18 39	8 95	27 34
20 91	11 14	32 05	12 23	11 14	23 37	.....	.....	.....	22 04	11 14	33 18
13 34	3 03	16 27	11 84	3 03	14 87	.....	.....	.....	15 76	3 03	18 79
17 16	5 32	22 48	19 10	5 32	24 42	.....	.....	.....	20 07	5 32	25 39
21 37	4 10	25 47	12 20	4 10	16 30	12 50	4 10	16 60	19 28	4 10	23 38
11 88	3 55	15 43	12 87	3 55	16 42	.....	.....	.....	17 26	3 55	20 81
20 11	10 04	30 15	16 62	10 04	26 66	.....	.....	.....	19 62	10 04	29 66
28 39	25 58	53 97	25 78	25 58	51 36	.....	.....	.....	32 36	25 58	57 94

TABLE XIX

Incorporated villages	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Lake Odessa	$1,150 00	$5,060 75	$498 75	$6,709 50	$35 54	$8 85	$44 39
†Lakeview							
L'Anse	1,400 00	11,462 50		12,862 50	64 39	12 28	76 67
§Laurium	4,000 00	132,440 69	30,766 08	167,206 77	46 44	10 35	56 79
Lawrence	1,200 00	4,428 75	475 00	6,103 75	35 88	7 13	43 01
†Lawton							
†Leonard							
LeRoy	855 00	1,665 00		2,520 00	31 71	6 61	38 32
Leslie							
Lexington	900 00	2,025 00		2,925 00	47 32	9 10	56 42
*Lincoln							
Linden	1,100 00	2,975 00		4,075 00	28 36	5 96	34 32
Lisbon	720 00	405 00		1,125 00	36 00	5 13	41 13
Litchfield							
Lowell	1,700 00	8,875 00		10,610 00	28 88	6 21	35 09
Luther	900 00	2,269 50	105 00	3,261 50	37 87	7 49	45 36
Lyons	925 00	2,295 00		3,220 00	40 57	15 84	56 41
Mackinaw City	825 00	1,875 00		2,700 00	24 27		
Mancelona	1,500 00	7,897 50		9,397 50	26 77	8 08	34 85
†Manchester							
Manton	1,100 00	3,015 00	1,250 00	5,365 00	18 91	10 71	29 62
Maple Rapids	900 00	2,066 25	75 00	3,041 25	36 44	14 47	50 91
Marcellus	1,000 00	3,789 16	540 02	5,329 18	18 70	9 07	27 77
Marion	1,000 00	3,311 25		4,311 25	31 54	6 51	38 05
*Marlborough							
Markette	1,200 00	5,875 00		7,075 00	33 88	3 91	37 79
*Maybee							
Mayville	1,000 00	2,550 00		3,550 00	30 33	5 61	35 94
McBride	875 00	950 00		1,825 00	43 75	4 00	47 75
Mecosta	630 00	855 00		1,485 00	31 50	10 60	42 10
*Melvin							
Memphis	900 00	2,550 00		3,450 00	26 92	9 62	36 54
Mendon	866 64	4,004 82		4,871 46	40 27	11 84	52 11
Merrill	760 00	1,187 50		1,947 50	30 40	13 87	44 27
Mesick	900 00	2,257 50		3,157 50	32 22	8 21	40 43
Metamora	760 00	1,475 00		2,235 00	82 33	5 24	87 57
Middleville	1,150 00	2,987 50	400 00	4,537 50	23 77	4 90	28 67
*Mikado							
Milan	650 00	5,736 43		6,386 43	26 13	4 92	31 05
Milford	1,000 00	4,100 00		5,100 00	22 47	9 20	31 67
Millersburg	850 00	1,400 00		2,250 00	29 76	13 14	42 90
Millington	1,200 00	2,980 00	500 00	4,680 00	22 86	5 19	28 05
Minden City	765 00	945 00		1,710 00	28 33	4 51	32 84
Montague	950 00	2,950 00		3,900 00	39 58	6 96	46 54
†Montgomery							
Montrose	800 00	2,000 00		2,800 00	34 72	7 39	42 11
Morenci	1,200 00	5,725 00	585 00	7,510 00	29 55	7 02	36 57
Morley	775 00	855 00		1,630 00	20 95	5 00	25 95
†Morrice							
Mt. Morris	1,000 00	2,488 13		3,488 13	33 16	8 09	41 25
Muir	810 00	1,755 00		2,565 00			
†Mulliken							
Nashville	1,125 00	4,577 50	475 00	6,177 50	24 97	11 76	36 73
Newaygo	1,200 00	5,100 00		6,300 00	32 32	16 38	48 70
New Baltimore	800 00	2,846 00		3,646 00	30 60	8 10	38 70

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graded schools, compiled from superintendents' reports for the school year 1915-1916

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	...	4	1	2	2	....	4	no	no	no	no	no	yes	no	yes	.....	.....	.....	.....	1
...	...	4	1	2	2	....	4	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	4
1½	1½	1	1	2	2	....	2	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	18
...	...	...	...	...	...	....	...	...	...	...	...	no	no	no	no	.....	.....	.....	.....	.....
...	½	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
2	2	4	4	4	4	....	4	yes	yes	yes	yes	no	no	no	no	.....	.....	3	50	13
..	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
2	2	1	1	2	2	....	2	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	2
...	...	...	...	...	...	....	...	no	yes	no	no	no	...	...	...	.....	.....	.....	.....	.....
1½	1½	1	1	1	1	....	1	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	2
..	...	...	1	...	...	....	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	...	...	...	...	....	...	yes	yes	no	no	yes	no	no	no	1	22	.....	.....	1
½	1	...	3	2	1	....	1	yes	yes	yes	yes	yes	yes	yes	yes	3	43	.....	.....	.....
...	...	...	...	...	...	....	...	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	3
....	1	....	4	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	2
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	2	...	...	...	....	...	yes	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	1	...	...	...	....	...	yes	...	...	...	...	no	no	no	.....	.....	.....	.....	2
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
1	1	½	...	...	...	....	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	2
...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
½	1	1	1	...	...	....	...	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
..	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
2	1½	1	...	2	1	....	1	yes	yes	yes	yes	yes	no	no	yes	2	48	18	602	61
2	2	4	2	2	2	....	4	yes	yes	yes	yes	no	yes	yes	no	4	48	12	328	121
...	...	...	...	...	...	....	...	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	yes	yes	no	.....	.....	.....	.....	.....
2	2	4	...	½	...	....	4	yes	yes	....	yes	no	no	no	no	.....	.....	3	55	29
...	2	...	...	...	...	....	...	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	....	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	...	1	...	....	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....

TABLE XIX

Incorporated villages	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
*Newberry	$1,525 00	$15,560 00	$2,050 00	$19,135 00	$44 62	$16 46	$61 08
New Buffalo	855 00	1,935 00	.....	2,790 00	84 83	13 44	98 27
New Haven	860 00	1,100 00	.....	1,960 00	33 07	7 86	40 93
North Adams	1,000 00	2,202 50	.....	3,202 50	29 63	7 90	37 53
North Branch	1,200 00	3,525 00	300 00	5,025 00	27 44	10 74	38 18
Northport	900 00	2,611 00	.....	3,511 00	32 00	9 87	41 87
Northville	1,080 00	6,041 55	.....	7,121 55	.....	.....	.....
Oakley	675 00	459 00	.....	1,134 00	.....	.....	.....
*Oakwood	.....	.....	.....	.....	.....	.....	.....
Olivet	1,200 00	3,397 50	100 00	4,697 50	56 05	6 51	62 56
Onekama	900 00	1,800 00	.....	2,700 00	29 35	5 52	34 87
†Onsted	.....	.....	.....	.....	.....	.....	.....
†Ontonagon	.....	.....	.....	.....	.....	.....	.....
Orion	1,050 00	3,100 00	270 00	4,420 00	48 91	5 73	54 64
Ortonville	800 00	2,000 00	.....	2,800 00	41 94	16 47	58 41
Oscoda	1,200 00	4,670 00	.....	5,870 00	61 54	13 81	75 35
Otisville	800 00	2,200 00	.....	3,000 00	35 00	5 45	40 45
Otsego	1,800 00	11,894 75	1,125 00	14,819 75	43 20	10 98	54 18
Otter Lake	630 00	900 00	.....	1,530 00	52 50	5 46	57 96
Ovid	1,200 00	6,650 00	.....	7,850 00	26 56	13 87	40 43
Owendale	1,025 00	2,600 00	.....	3,625 00	65 00	18 50	83 50
Oxford	1,200 00	6,070 00	.....	7,627 50	33 09	17 68	50 77
Parma	1,000 00	2,150 00	200 00	3,350 00	27 88	13 82	41 70
Paw Paw	2,700 00	5,722 50	1,766 25	10,188 75	35 59	9 64	45 23
†Peck	.....	.....	.....	.....	.....	.....	.....
Pellston	1,200 00	5,017 00	495 00	6,712 00	43 07	14 50	57 57
Pentwater	1,205 00	4,943 00	481 00	6,629 00	37 81	16 58	54 39
*Perrinton	.....	.....	.....	.....	.....	.....	.....
†Perry	.....	.....	.....	.....	.....	.....	.....
Petersburg	720 00	2,272 50	.....	2,992 50	25 34	11 78	37 12
Pewamo	855 00	1,215 00	.....	2,070 00	38 86	13 18	52 04
Pierson	607 50	405 00	.....	1,012 50	.....	.....	.....
Pigeon	1,200 00	3,205 00	.....	4,405 00	24 58	10 00	34 58
Pinckney	900 00	2,250 00	.....	3,150 00	27 19	5 48	32 67
Pinconning	1,100 00	4,450 00	.....	5,550 00	75 00	11 60	86 60
Plainwell	1,250 00	6,886 25	381 68	8,517 93	27 84	2 58	30 42
Plymouth	1,450 00	8,600 00	600 00	10,650 00	35 30	6 29	41 59
†Port Austin	.....	.....	.....	.....	.....	.....	.....
Port Hope	800 00	900 00	.....	1,700 00	32 00	3 87	35 87
Portland	1,500 00	7,578 00	500 00	9,578 37	33 79	8 21	42 00
†Port Sanilac	.....	.....	.....	.....	.....	.....	.....
*Posen	.....	.....	.....	.....	.....	.....	.....
Potterville	900 00	2,070 00	.....	2,970 00	56 90	7 71	64 61
Quincy	1,300 00	4,797 50	.....	6,097 50	35 89	8 21	44 10
Reading	1,200 00	4,000 00	900 00	6,100 00	28 04	7 48	35 52
*Redford	.....	.....	.....	.....	.....	.....	.....
‖Red Jacket	.....	.....	.....	.....	.....	.....	.....
Reed City	1,400 00	8,029 72	.....	9,429 72	40 99	7 29	48 28
Reese	1,000 00	1,600 00	.....	2,600 00	44 88	21 01	65 89
Richland	850 00	2,025 00	.....	2,875 00	28 37	5 69	34 06
Richmond	1,400 00	6,163 42	.....	7,563 42	38 96	10 33	49 29
River Rouge	1,700 00	14,764 89	4,092 00	20,556 89	79 79	19 84	99 63
Rochester	1,300 00	5,157 00	.....	6,457 00	38 14	4 35	42 49
Rockford	1,200 00	4,225 00	200 00	5,625 00	32 99	9 44	42 43
Rogers	1,000 00	4,400 00	.....	5,400 00	28 70	14 04	42 74

—*Continued*

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
$32 08	$16 46	$48 54	$18 34	$16 46	$34 80	$29 16	$16 46	$45 62	$28 77	$16 46	$45 23
21 80	13 44	35 24	12 15	13 44	25 59	11 25	13 44	24 69	22 69	13 44	36 13
18 33	7 86	26 19	10 57	7 86	18 43	.....	.....	.....	18 15	7 86	26 01
20 94	7 90	28 84	17 55	7 90	25 45	.....	.....	.....	23 34	7 90	31 24
13 20	10 74	23 94	19 28	10 74	30 02	.....	.....	.....	19 79	10 74	30 53
15 29	7 85	23 14	12 79	6 99	19 78	.....	.....	.....	17 92	7 90	25 82
18 24	16 46	34 70	13 83	8 69	22 52	7 38	6 62	14 00	12 24	9 05	21 29
6 75	8 99	15 74	11 20	8 99	20 19	.....	.....	.....	22 23	8 99	31 22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20 77	6 51	27 28	15 09	6 51	21 60	.....	.....	.....	28 48	6 51	34 99
18 37	5 52	23 89	12 86	5 52	18 38	.....	.....	.....	20 77	5 52	26 29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17 27	5 73	23 00	15 06	5 73	20 79	.....	.....	.....	24 28	5 73	30 01
22 00	9 96	31 96	12 22	2 89	15 11	10 00	2 45	12 45	18 54	6 71	25 25
52 36	13 81	66 17	21 77	13 81	35 58	42 86	13 81	56 67	37 15	13 81	40 96
19 29	5 45	24 74	7 47	5 45	12 92	.....	.....	.....	18 29	5 45	23 74
24 39	10 37	34 76	18 18	10 92	29 10	.....	.....	.....	24 95	11 73	36 68
18 75	5 46	24 21	12 50	5 46	17 96	.....	.....	.....	21 25	5 46	26 71
21 47	7 43	28 90	17 96	7 14	25 10	.....	.....	.....	25 49	9 55	35 04
13 41	18 50	31 91	17 27	18 50	35 77	9 09	18 50	27 59	20 59	18 50	39 09
21 99	17 68	39 67	20 57	17 68	38 25	17 81	17 68	35 49	23 33	17 68	41 01
17 00	13 82	30 82	18 10	13 82	31 92	.....	.....	.....	20 94	13 82	34 76
26 92	9 81	36 73	19 14	9 44	28 58	24 69	9 57	34 26	26 81	9 62	36 43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 36	6 48	24 84	21 28	10 03	31 31	17 77	2 59	20 36	24 49	8 95	33 44
19 42	8 43	27 85	28 14	6 28	34 42	22 61	5 65	28 26	27 06	9 31	36 37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12 84	5 66	18 50	11 31	5 11	16 42	.....	.....	.....	14 96	6 78	21 74
29 48	10 00	39 48	14 40	9 85	24 25	.....	.....	.....	27 24	10 87	38 11
13 50	2 75	16 25	9 88	2 75	12 63	.....	.....	.....	11 77	2 75	14 52
22 27	7 27	29 54	10 77	3 06	13 83	14 13	4 35	18 48	17 01	5 79	22 80
13 64	5 48	19 12	24 39	5 48	29 87	.....	.....	.....	22 18	5 48	27 66
16 19	3 21	19 40	13 25	1 36	14 61	18 93	6 63	25 56	18 88	2 83	21 71
16 78	2 76	19 54	14 14	2 86	17 00	20 05	3 36	23 41	18 93	4 79	23 72
19 37	7 39	26 76	14 34	5 47	19 81	30 95	24 95	55 90	22 33	7 13	29 46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 75	3 87	22 62	11 25	3 87	15 12	.....	.....	.....	19 10	3 87	22 97
29 20	8 21	37 41	16 91	8 21	25 12	14 86	8 26	23 12	24 31	8 21	32 52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42 04	7 71	49 75	11 64	7 71	19 35	.....	.....	.....	28 85	7 71	36 56
18 06	8 21	26 27	14 18	8 21	22 39	.....	.....	.....	22 50	8 21	30 71
25 37	6 00	31 37	23 33	5 00	28 33	.....	.....	.....	26 07	6 41	32 48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14 44	7 29	21 73	17 51	7 29	24 80	13 54	7 29	20 83	21 29	7 29	28 58
13 75	21 01	34 76	11 00	21 01	32 01	.....	.....	.....	21 31	21 01	42 32
38 33	5 69	44 02	18 00	5 69	23 69	.....	.....	.....	28 46	5 69	34 15
17 47	10 33	27 80	15 06	10 33	25 39	25 00	10 33	35 33	21 67	10 33	32 00
23 67	19 87	43 54	20 24	19 92	40 16	17 90	19 85	37 75	26 49	19 89	46 38
10 98	4 35	15 33	9 42	4 35	13 77	.....	.....	.....	14 38	4 35	18 73
13 04	6 52	19 56	13 03	3 19	16 22	.....	.....	.....	19 88	6 45	26 33
12 23	15 91	28 14	9 97	7 73	17 70	.....	.....	.....	12 08	10 68	22 76

TABLE XIX

Incorporated villages	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Romeo	$1,400 00	$6,675 00	$750 00	$8,825 00	$36 34	$7 61	$43 95
†Roscommon							
Royal Oak	1,700 00	13,429 99	650 00	15,779 99	40 37	16 28	56 65
St. Charles	1,400 00	5,693 76	450 00	7,543 76	30 22	12 81	43 03
*St. Clair Heights							
Saline	1,000 00	3,750 00	300 00	5,050 00	50 82	32 79	83 61
Sand Lake	900 00	1,350 00		2,250 00	23 08	3 57	26 65
Saranac	1,250 00	3,875 00		5,125 00	29 18	9 55	38 73
†Saugatuck							
Schoolcraft	1,200 00	3,560 00	585 00	5,345 00	31 24	9 67	40 91
Sebewaing	1,200 00	5,230 50	400 00	6,830 00	50 80	10 85	61 65
Shelby	1,500 00	7,982 50	292 50	9,775 00	26 46	8 08	34 54
Shepherd	1,108 33	3,728 75	285 00	5,122 08	32 96	9 18	42 14
Sheridan	800 00	1,803 00		2,603 00	53 09	6 63	59 72
Sherman	550 50	1,215 00		1,765 50	34 41	16 43	50 84
Sherwood	810 00	1,372 50		2,182 50	30 00	7 38	37 38
*Sibley							
South Lyon	999 97	2,378 75		3,378 72	33 35	9 34	42 69
*South Range							
Sparta	1,250 00	6,500 00	500 00	7,950 00	29 42	6 86	36 28
Spring Lake	1,000 00	1,715 00	393 75	3,108 75	58 82	7 41	66 23
Springport	1,000 00	2,350 00		3,350 00	36 36	8 91	45 27
Stambaugh	3,350 00	25,584 75	4,124 00	33,058 75	69 17	26 84	96 01
Stanwood	630 00	810 00		1,440 00	28 64	2 95	31 59
Stephenson	1,000 00	11,086 50		12,086 50	27 72	9 36	37 08
Stevensville	675 00	1,822 50		2,497 50	42 71	4 76	47 47
Stockbridge	950 00	3,755 00		4,705 00	27 55	4 70	32 25
Sunfield	1,000 00	2,090 00		3,090 00	35 95	5 37	41 32
Sutton's Bay	720 00	1,935 00		2,655 00	24 25	5 75	30 00
Tecumseh	1,450 00	9,375 00	600 00	11,425 00	45 19	6 07	51 26
Tekonsha	1,125 00	3,016 25	475 00	4,616 25	45 72	8 33	54 05
Thompsonville	1,100 00	2,722 50		3,822 50	48 00	13 18	61 18
Three Oaks	1,350 00	5,145 51	1,306 00	7,801 51	44 26	8 54	52 80
*Tower							
Trenton	1,100 00	5,883 75	405 00	7,388 75	56 19	24 62	80 81
Turner	775 00	1,765 00		2,540 00	32 27	4 78	37 05
Tustin	900 00	1,957 50		2,857 50	21 18	5 80	26 98
Twining	675 00	810 00		1,485 00	19 85	6 38	26 23
Ubly	866 25	950 00		1,816 25	41 45	5 24	46 69
Union City	1,600 00	7,295 00	600 00	9,495 00	53 05	18 29	71 34
Unionville	1,000 00	2,000 00		3,000 00	33 33	3 93	37 26
Utica	950 00	2,675 00		3,625 00	36 25	15 66	51 91
Vandalia	945 00	1,890 00		2,835 00	32 28	10 87	43 15
Vanderbilt	700 00	2,159 93	450 00	3,309 93	65 71	7 19	73 90
Vassar	1,300 00	5,900 00	500 00	7,700 00	37 08	14 26	51 34
Vermontville	975 00	2,695 00		3,670 00	38 31	9 81	48 12
Vernon	1,000 00	2,000 00		3,000 00	42 10	3 57	45 67
†Vicksburg							
Wakefield	1,150 00	19,365 00	750 00	21,265 00	68 13	68 34	136 47
Waldron	900 00	1,845 00		2,745 00	24 00	5 58	29 58
†Walkerville							
Warren	585 00	495 00		1,080 00			
*Washington Heights							
Watervliet	1,300 00	5,486 50		6,786 50	41 58	7 50	49 08
Wayland	1,000 00	3,217 50		4,217 50	27 77	2 72	30 49

—*Continued*

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
$16 60	$8 56	$25 16	$19 19	$10 10	$29 29	.....	.....	.....	$22 63	$8 99	$31 62
22 86	16 28	39 14	7 11	16 28	23 39	.....	.....	.....	18 61	16 28	34 89
17 87	7 03	24 90	14 40	5 35	19 75	$16 13	$5 49	$21 62	18 67	7 34	26 01
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16 13	8 07	24 20	12 67	6 66	19 33	.....	.....	.....	25 51	15 15	40 66
16 07	3 57	19 64	11 84	3 57	15 41	12 49	3 57	16 06	15 96	3 57	19 53
25 49	9 55	35 04	19 05	9 55	28 60	.....	.....	.....	24 52	9 55	34 07
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39 48	14 58	54 06	24 17	7 54	31 71	.....	.....	.....	30 72	10 12	40 84
15 31	10 85	26 16	17 57	10 85	28 42	20 69	10 85	31 54	20 95	10 85	31 80
23 41	8 08	31 49	20 27	8 08	28 35	30 09	8 08	38 17	23 84	8 08	31 92
18 62	9 18	27 80	16 72	9 18	25 90	.....	.....	.....	21 89	9 18	31 07
22 73	6 63	29 36	8 68	6 63	15 31	10 23	6 63	16 86	17 47	6 63	24 10
23 83	16 43	40 26	12 27	16 43	28 70	22 50	16 43	38 93	21 02	16 43	37 45
27 50	7 38	34 88	15 52	7 38	22 90	17 81	7 38	25 19	22 27	7 38	29 65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 91	8 70	27 61	18 37	8 88	27 25	.....	.....	.....	24 49	9 02	33 51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 47	6 00	24 47	14 58	3 63	28 21	16 97	5 19	22 16	20 09	5 33	25 42
14 84	6 53	21 37	9 95	6 90	16 85	29 42	1 92	31 34	18 07	6 44	24 51
21 43	8 91	30 34	39 66	8 91	48 57	.....	.....	.....	33 17	8 91	42 08
31 48	16 26	47 74	17 70	13 64	31 34	13 66	12 64	26 30	24 34	15 10	39 44
13 64	2 95	16 59	11 61	2 95	14 56	.....	.....	.....	16 74	2 95	19 69
13 82	17 80	31 62	10 63	14 04	24 67	11 79	3 47	15 26	14 12	13 67	27 79
21 74	4 86	26 60	14 71	4 76	19 47	9 84	4 79	14 63	19 36	4 79	24 15
15 44	4 70	20 14	18 05	4 70	22 75	.....	.....	.....	21 09	4 70	25 79
18 24	5 37	23 61	14 39	5 37	19 76	.....	.....	.....	22 89	5 37	28 26
37 19	5 48	42 67	20 37	5 46	25 83	11 74	5 00	16 74	20 59	5 54	26 13
19 63	6 07	25 70	17 51	6 07	23 58	.....	.....	.....	24 52	6 07	30 59
14 83	8 33	23 16	15 67	8 33	24 00	.....	.....	.....	23 67	8 33	32 00
14 09	15 78	29 87	10 63	12 92	23 55	.....	.....	.....	16 55	13 83	30 38
20 12	8 54	28 66	13 56	8 54	22 10	.....	.....	.....	21 98	8 54	30 52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19 49	9 23	28 72	15 32	7 12	22 44	13 37	6 58	19 95	21 73	9 99	31 72
18 00	4 78	22 78	11 00	4 78	15 78	12 54	4 78	17 32	16 08	4 78	20 86
25 71	5 80	31 51	12 03	5 80	17 83	.....	.....	.....	19 57	5 80	25 37
10 38	6 38	16 76	9 64	6 38	16 02	.....	.....	.....	12 91	6 38	19 29
9 09	5 24	14 33	4 41	5 24	9 65	.....	.....	.....	10 21	5 24	15 45
31 26	12 11	43 37	16 80	4 10	20 90	.....	.....	.....	31 33	10 59	41 92
15 39	3 93	19 32	15 71	3 93	19 64	14 47	3 93	18 40	19 87	3 93	23 80
25 59	15 66	41 25	14 86	15 66	30 52	.....	.....	.....	23 23	15 66	38 89
18 75	8 33	27 08	17 31	7 69	25 00	15 00	6 66	21 66	24 09	8 73	32 82
12 25	7 19	19 44	19 38	7 19	26 57	21 50	7 19	28 69	27 13	7 19	34 32
16 43	4 77	21 20	13 40	3 89	17 29	.....	.....	.....	20 00	6 59	26 59
12 34	9 81	22 15	26 13	9 81	35 94	.....	.....	.....	24 80	9 81	34 61
15 28	3 57	18 85	12 22	3 57	15 79	.....	.....	.....	16 57	3 57	20 14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21 34	68 34	89 68	16 48	68 34	84 82	20 00	68 34	88 34	23 57	68 34	91 91
12 86	5 58	18 44	13 50	5 58	19 08	10 71	5 58	16 29	16 43	5 58	22 01
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25 43	5 08	30 51	17 07	5 08	22 15	.....	.....	.....	20 77	5 08	25 85
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13 78	4 52	18 30	13 44	4 49	17 93	19 48	18 40	37 88	20 44	6 23	26 67
15 00	3 53	18 53	7 50	2 53	10 03	10 00	3 49	13 49	17 50	2 94	20 44

TABLE XIX

Incorporated villages	Amount paid superintendent	Amount paid regular teachers	Amount paid special teachers	Total amount paid for instruction	Cost of education		
					High school		
					Instruction	Incidental	Total
Wayne	$1,300 00	$6,234 73	$221 29	$7,756 02	$29 16	$28 08	$57 24
Webberville	900 00	2,042 50	.....	2,942 50	60 42	15 00	75 42
*Westphalia	.....	.....	.....	.....	.....	.....	.....
White Cloud	900 00	2,182 50	.....	3,082 50	28 15	8 02	36 17
Whitehall	1,100 00	5,035 00	522 50	6,657 50	37 29	6 49	43 78
White Pigeon	1,099 98	2,939 94	225 00	4,264 92	56 05	19 27	75 32
Williamston	1,100 00	6,200 00	500 00	7,800 00	36 05	7 60	43 65
Wolverine	950 00	3,587 50	.....	4,537 50	42 71	7 62	50 33
Woodland	700 00	900 00	.....	1,600 00	19 45	8 54	27 99

*Not legally graded.
†No report received.
‡Included in Lake Linden.
§Includes Calumet and Red Jacket.
‖Included in Laurium.

—*Concluded*

per capita in—

Grammar department			Primary department			Kindergarten			Whole school		
Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total	Instruction	Incidental	Total
$16 49	$19 78	$36 27	$16 17	$21 30	$37 54	$12 09	$9 33	$21 42	$19 29	$21 59	$40 88
15 55	15 00	30 55	14 42	15 00	29 42	.....	.....	.....	23 54	15 00	38 54
16 11	8 02	24 13	10 60	8 02	18 63	.....	.....	.....	16 75	8 02	24 77
19 80	6 49	26 29	17 50	6 49	23 99	.....	.....	.....	23 12	6 49	29 61
29 15	8 93	38 08	14 03	5 46	19 49	.....	.....	.....	29 21	10 03	39 24
19 15	7 60	26 75	20 87	7 60	28 47	.....	.....	.....	25 32	7 60	33 92
16 66	7 63	23 88	22 22	7 62	29 84	16 25	7 62	23 87	24 74	7 62	32 36
20 45	8 54	28 99	18 00	8 54	26 54	.....	.....	.....	19 28	8 54	27 82

TABLE

Special statistics pertaining to the subjects taught and special departments maintained in

Graded districts	Number of years above eighth grade given															
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Ada																	
Adams Tp.	4	2				3	½		3		1½	1½		½			
Addison	3½	2		2		1½	½		2½	½	1½	1		½	½		
Adrian	4	4		2	2	3	1		3	1	1½	1½	1	1	2	½	½
Akron	4	2		2		2½	½		3	1	1½	½		½			
Alabaster	4					2	1		1	2	1½			1	½	½	½
Alanson																	
Alba																	
Albert Tp.																	
Albion	4	4		2		4	1	½	4		2	1½	½	½	½	½	½
Alden																	
Algonac	4	2		2		3	½	½	2		2	1½	½	1	½		½
Allegan	4	3		3		3	½		3	2				½	1	½	
Allendale Tp. 1	2	2				2				2				2			
Alma	4	4		2		3	½		4	1	1½	1½	½	1	2	½	½
Almont	4	2		2		2½	½		3		1½	1½		½	½		
Alpena	4	4		2		3½	½	½	4		1½	1½	½	½	1	½	½
Ann Arbor	4	4	2	4	3	4	1	½	3		1½	1½	½	½	2	½	½
Applegate																	
Arcadia	4	2				2	1½		4	1½	1½	1½		½			
Armada	3½	4		2		2½	½		3½	1	1½	1½		½	½	½	½
Arvon Tp.	2	2				4	1			2	1	1		4	2		
Ashley	2	2		2		2	½		2		2	2		½			
Athens	4	2		2		2½	½		4		1½	1½		½		½	
Attica																	
Au Gres																	
Auburn	1					2			2		1	1					
Augusta	4	2		2		3	½		2	½	1½	1½		½		½	½
Au Sable						2			1		2			2	1		
Bad Axe	4	4		2		2½	½	½	3½	3	1½	1½		½	1	½	
Bainbridge																	
Bainbridge Tp. 5																	
Baldwin	2									½	1				½		
Bancroft	4	2		3		3	½	½	3	½	1½	1½		½			
Bangor	4	2		2		2½	½		2	4	1½	1½		½	1	½	½
Bannister																	
Baraga																	
Baroda	4	2		2		2½	½		4	½	1½	1½		½	½		
Barryton	4			2		4	1		3		1½	1		½	1		
Bates																	
Bath																	
Battle Creek	4	4		2	2	4	½		4		1½	1½	½	1	1½		½
Bay City	4	4		2	2	4	1	1	4	4	1½	1½	½	1	2	1	1
Bay Port																	
Bear Lake	4	2		2		2½	½		4	1	1½	1½	½	½	½		
Beaverton	4	2		2		4	½	1	3	½	1½	1½		½	½		½
Belding	4	4		2		4	½		4		2	1½		½	2	½	
Bellaire	4	2		2		3	½		4		1½	1½		½	½		
Belleville	4	2		2		4	½		4		1½	1½		½			1
Bellevue	4	4		2		2½	½		3		1½	1½		1	½	½	½

XX

graded schools, compiled from superintendents' reports for the school year 1915-1916

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	...	4	1	2	2	...	4	no	no	no	no	no	yes	no	yes	.....	.....	.....	.....	1
..	....							yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	4
1½	1½	1	1	2	2	...	2	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	18
...	...	...	...	...	...	...	...	...	...	...	...	no	no	no	no	.....	.....	.....	.....	.....
...	½	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
2	2	4	4	4	4	...	4	yes	yes	yes	yes	no	no	no	no	.....	.....	3	50	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
2	2	1	1	2	2	...	2	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	2
...	...	...	...	...	...	...	...	no	yes	no	no	no	....	....	....	.....	.....	.....	.....	.....
1½	1½	1	1	1	1	...	1	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	2
..	....	....	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	....	....	....	....	yes	yes	no	no	yes	no	no	no	1	22	.....	.....	1
½	1	....	3	2	1	....	1	yes	yes	yes	yes	yes	yes	yes	yes	3	43	.....	.....	.....
...	...	....	...	...	...	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	...	...	...	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	3
....	1	....	4	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	2
...	...	....	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	2	...	....	....	....	....	yes	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
..	...	...	...	....	....	....	....	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	1	...	....	....	....	....	yes	....	....	....	....	no	no	no	.....	.....	.....	.....	2
1	1	½	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	2
...	...	...	...	....	....	....	....	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
½	1	1	1	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	....	....	....	....	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
2	1½	1	...	2	1	...	1	yes	yes	yes	yes	yes	no	no	yes	2	48	18	602	61
2	2	4	2	2	2	...	4	yes	yes	yes	yes	no	yes	yes	no	4	48	12	328	121
...	...	...	...	...	...	...	....	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
2	2	4	...	½	...	...	4	no	no	no	no	no	yes	yes	no	.....	.....	3	55	29
...	2	...	...	...	...	...	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	...	1	...	...	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Benton Harbor	4	4	....	4	....	3½	½	....	4	....	1½	1½	½	½	1½	½	½
Bensonia	4	4	....	2	....	2½	½	....	2½	½	1½	1½	....	½	½	....	....
Bergland	2	....	....	....	....	2	....	....	3	½	2	1	....	....	....	½	....
Berlamont	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Berlin	4	2	....	....	....	2½	½	....	....	....	1½	1½	....	....	....	....	....
Berlin Tp. 3 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Berrien Springs	4	2	....	2	....	3	½	....	4	....	1½	....	½	....	....	....	....
Bessemer	4	4	....	2	....	3	½	....	3	....	2	1	....	1	2	½	½
Big Rapids	4	4	....	2	....	4	½	½	4	1	2	1½	½	½	2	½	½
Birmingham	4	4	....	2	....	4	½	....	4	1	1½	1½	½	1–5	....	....	½
Blanchard	2	....	....	....	....	2	....	....	....	....	2	1	....	2	....	....	2
Blissfield Tp. 1 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blissfield Tp. 2 fr	4	2	....	2	....	3	1	....	1	4	1½	1½	½	½	½	½	1
Bloomingdale	4	2	....	2	....	3	½	½	4	....	1½	1	....	½	1	½	½
Boardman	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Boyne City	4	4	....	2	2	3	1	....	4	2½	1½	1½	½	½	1	½	½
Boyne Falls	2	....	....	1	....	2	....	....	1	....	1½	1	....	....	....	....	....
Breckenridge	4	3	....	2	....	....	½	....	2	....	1½	....	....	1½	....	....	....
Breedsville	2	....	....	....	....	2	1	....	2	1	2	1	....	....	....	....	....
Breen	2	....	....	....	....	2	1	....	2	....	2	....	....	1	....	....	1
Bridgehampton Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bridgehampton Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bridgehampton Tp. 4 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bridgehampton Tp. 5 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bridgeman	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bridgeport	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Brighton	4	2	....	2	....	1	½	....	2	½	1½	1½	....	½	....	....	....
Briley	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Britton	4	2	....	2	....	3½	½	....	2	1	1½	1½	....	½	½	....	....
Bronson	4	2	....	2	....	3	½	....	3	3	1½	1½	....	....	1	....	....
Brookfield Tp. 4	4	2	....	2	....	3	½	....	3	1	1½	1½	....	....	....	....	....
Brooklyn	4	2	....	2	....	4	½	....	2	½	1½	1½	....	½	½	....	½
Brown City	4	2	....	2	....	3	....	....	2	4	2	2	....	2	....	....	....
Buchanan	4	4	....	2	....	2½	½	....	4½	....	1½	1½	½	½	½	½	½
Buckley	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Burden	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Burlington	2	....	....	....	....	2	....	....	2	....	2	1	....	1	....	....	....
Burnips Corners	2	1	....	....	....	2	....	....	2	....	1½	½	....	....	....	....	....
Burlington Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Burr Oak	4	2	....	2	....	4	1	....	4	....	1½	1½	....	....	1	....	....
Burt Tp	2	....	....	....	....	2	....	....	1	½	2	½	....	....	½	....	....
Byron	4	2	....	2	....	4	½	....	3	1	1½	1½	....	....	....	....	½
Cadillac	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cady	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Caledonia	2	2	....	2	....	2	½	....	½	½	1½	1	....	½	....	....	....
Caledonia Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Calumet	4	4	....	3	2	3	½	....	4	....	3	3	½	½	1½	½	½
Calumet Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Camden	4	2	....	2	....	3	½	....	6	1	1½	1½	½	½	1	....	½
Cannon Tp. 2 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Capac	4	2	....	2	....	3	½	....	4	....	1½	1½	....	....	½	....	½
Carleton	4	....	....	2	....	3	½	....	4	½	2	1	....	....	½	....	....
Caro	4	4	....	2	....	4	½	....	4	....	1½	1½	....	½	½	....	....
Carrollton Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Carrollton Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

—Continued

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
1	1	½	....	½	½	....	2	yes	yes	yes	yes	no	no	no	no	.....	.....	10	234	12
½	4	4	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	4	....	....	....	....	....	yes	no	no	no	no	no	yes	yes	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	4	....	2	2	....	2	no	yes	yes	yes	no	no	no	no	.....	.....	3	65	30
2	½	1	1	½	½	....	1	yes	yes	yes	yes	no	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	yes	yes	no	no	no	yes	no	no	.....	.....	.....	.....	2
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	4	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	2
...	...	...	....	....	....	....	....	no	no	no	....	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	no	no	no	no	.....	.....	.....	.....	.....
2	2	4	4	2	2	....	4	yes	yes	yes	yes	yes	yes	yes	no	.....	.....	.....	.....	2
...	...	...	....	....	....	....	....	yes	yes	no	yes	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	2
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
½	½	4	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	1	....	....	....	....	....	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	3
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	2	2	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	4	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	2	75	.....	.....	.....
...	...	1	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	8
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	2	1	1	1	yes	yes	yes	yes	yes	no	no	no	.....	.....	21	517	35
...	...	...	....	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	7
...	...	...	....	....	....	....	1	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	yes	yes	no	no	no	....	....	....	.....	.....	.....	.....	.....
...	...	...	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	3
...	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Carson City	4	2	....	....	....	2½	½	....	4½	1	1½	1½	....	½	2	½	....
Carsonville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Caseville	3	....	....	2	....	3	....	....	3	1	1½	1	....	½	....	....	....
Casnovia	4	2	....	....	....	2½	½	....	2½	....	2	1½	....	½	½	½	½
Cass City	3½	3	....	2	....	3	½	....	3½	1	1½	1½	½	½	....	....	....
Cassopolis	4	4	....	2	....	3	½	....	....	½	1½	1½	....	½	1	½	....
Cedar Springs	4½	2	....	2	....	2½	½	....	3½	½	1½	1½	....	½	½	....	½
Central Lake	4	2	....	2	....	3½	½	....	3	½	1½	1½	....	1	....	....	....
Centerville	4	2	....	2	....	3	½	....	3	1	1½	1½	....	½	....	....	....
Ceresco	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Champion Tp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chandler Tp. 5 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Charlevoix	4	4	....	2	....	3	....	....	4	....	1½	1½	½	½	1	½	....
Charlotte	4	4	....	3	....	4	1	....	4	1	1½	1½	½	1	2	1	1
Charlton Tp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chase	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chassell Tp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cheboygan	4	4	....	2	....	3	....	....	4	....	1½	1½	....	1	2	....	....
Chelsea	4	4	....	2	....	2½	½	....	4	....	2	1	....	½	2	½	½
Chesaning	4	4	....	2	....	2½	½	....	4	½	1½	1½	....	....	....	....	½
Chief	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chickaming Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clare	4	4	....	2	....	3	½	....	4	½	1½	1½	....	½	½	....	....
Clarkston	4	2	....	2	....	2½	½	....	4	1	1½	1½	....	½	....	....	....
Clarksville	4	2	....	1	....	2½	½	....	2½	½	1½	1½	....	1	1	....	½
Clayton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Climax	4	2	....	....	....	3	1	....	3	½	2	1½	....	½	1	½	....
Clinton	4	2	....	2	....	2½	½	....	....	1	1½	1½	....	1½	½	....	....
Clio	4	2	....	2	....	4	½	....	1	1½	1½	1½	....	½	....	....	½
Coldwater	4	4	....	3	1	3	½	....	4	1	1½	1½	½	1	1½	½	½
Coleman	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Coloma	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Colon	4	2	....	2	....	3	½	....	3	1	1½	1½	....	½	½	....	....
Columbiaville	4	2	....	....	....	4	½	....	3	½	1½	1	....	....	½	....	....
Comstock	4	2	....	2	....	4	½	....	3	1	1½	1½	....	½	....	....	....
Concord	4	2	....	....	....	2½	2	....	3½	....	1½	1½	....	½	....	....	....
Conklin	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Constantine	4	4	....	2	....	3	1	....	4	4	2	2	....	1	....	....	....
Coopersville	4	4	....	2	....	2½	½	....	3	....	1½	1½	....	½	½	....	....
Copemish	2	....	....	2	....	2	....	....	½	....	....	....	....	....	....	....	....
Coral	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Corunna	4	4	....	2	....	3	1	....	3	....	1½	1½	....	....	....	....	....
Covert	1	1	....	....	....	1	....	....	1	....	1	....	....	....	....	....	½
Croswell	4	3	....	2	....	3½	½	....	4	2	1½	1½	½	½	½	....	....
Crystal	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Crystal Falls	4	4	....	2	....	3	½	....	4	....	1½	1½	....	½	2	½	½
Cumming Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Custer	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dansville	2	2	....	....	....	4	½	½	....	1	2	2	....	1	1	....	....
Davison	4	2	....	2	....	2½	½	....	3	....	1½	1½	....	½	½	....	....
Dearborn	4	3	....	....	....	2½	½	....	4	....	1½	1½	....	1	1	½	½
Decatur	4	4	....	2	....	3	½	....	4	½	1½	1½	½	½	½	....	....
Deckerville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Deerfield	4	2	....	....	....	3	1	....	....	1	2	2	....	2	1	1	1
Detour	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

—*Continued*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	....	....	....	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1	2	....	....	2	1	....	....	yes	yes	no	yes	no	yes	yes	no	.....	.....	.....	.....	.....
...	....	4	....	....	....	....	....	yes	yes	yes	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
1	1½	4	4	4	4	4	4	yes	yes	yes	yes	no	yes	no	no	.....	.....	17	589	.....
...	....	4	4	....	....	....	....	yes	yes	yes	no	no	yes	yes	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	....	....	....	....	yes	yes	no	no	no	no	....	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	1	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	2
...	1	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1½	2	4	½	½	....	....	....	yes	yes	no	no	no	yes	no	no	.....	.....	5	35	.....
..	....	....	....	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	1	1	1	....	....	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	15
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	5	129	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	1	....	....	....	....	....	yes	yes	no	yes	no	no	no	no	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	4	....	1	2	....	2	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	44
1	1	4	....	½	½	....	....	yes	yes	yes	no	no	no	no	no	.....	.....	1	29	18
...	½	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	2
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	½	....	....	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	....	....	....	....	....	no	no	no	.....	.....	.....	.....	.....
..	....	....	4	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	4	....	1	3	1½	3	yes	no	yes	yes	yes	yes	yes	no	.....	.....	3	91	13
..	....	1	1	....	....	....	2	yes	yes	no	yes	no	no	no	no	.....	.....	.....	.....	3
..	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Detroit	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dewitt	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dexter	4	4	....	2	....	3	½	....	4	1	1½	1½	....	½	½	....	....
Dimondale	2	....	....	....	....	1	....	....	1½	....	1½	1	....	....	....	....	½
Dorr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Douglas	4	4	....	2	....	3	½	....	2	....	2	1	....	....	1	....	....
Dowagiac	4	4	....	2	....	4	1	....	4	4	1½	1½	½	½	1½	½	....
Dryden	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dundee	4	2	....	2	....	3	½	....	4	1	½	1	....	½	1	....	....
Durand	4	3	....	2	....	3	½	....	3½	....	1½	1½	....	½	2	....	....
Dwight Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
East Grand Rapids	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
East Jordan	4	3	....	2	....	3½	½	....	4	4	1½	1½	....	½	1	½	....
East Lake	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
East Lansing	4	2	....	2	....	3	½	....	3	....	1½	1½	....	....	....	....	....
East Tawas	4	2	....	2	....	2½	½	....	4	....	1½	1½	½	½	1	½	....
Eaton Rapids	4	4	....	2	....	3	½	....	4	½	1½	1½	½	1	1	....	....
Eau Claire	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ecorse Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ecorse Tp. 3	2	2	....	....	....	2	....	....	....	....	1½	1	....	1	....	....	....
Ecorse Tp. 12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Edenville	2	....	....	....	....	2	1	....	1	....	2	....	....	1	....	....	1
Edmore	4	2	....	....	....	2	½	....	4	....	2	2	....	1	1	....	....
Edwardsburg	4	2	....	....	....	2½	½	....	3½	1	1½	1½	....	½	....	....	....
Elk Rapids	4	4	....	2	....	3	½	....	4	½	1½	1½	....	½	1	....	....
Elkton	4	2	....	2	....	2½	½	....	3	½	1½	1	....	½	1	....	½
Elk Tp. 3 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Elk Tp. 4 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Elm Hall	2	....	....	....	....	2	....	....	....	½	1	1	....	....	....	....	....
Elmira	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Elm River Tp	4	2	....	....	....	4	½	....	2	½	1½	1	....	1	....	....	....
Elsie	4	2	....	2	....	3	½	....	4	½	1½	1½	....	1	½	½	....
Empire	3	2	....	2	....	3	1	....	3	½	1½	1	....	½	1	....	....
Escanaba	4	4	....	3	3	4	½	....	4	2	2	1½	½	½	2	½	½
Essexville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Estey	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Evart	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fairgrove	4	2	....	2	....	3	½	....	3	....	1½	1½	....	½	....	....	....
Fair Haven	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Falmouth	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Farmington	4	2	....	2	....	3	½	....	3	½	1½	1½	....	½	....	....	....
Farwell	1	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....
Felch Tp	1	....	....	....	....	1	....	....	1	....	....	....	....	....	1	....	....
Fennville	4	2	....	2	....	4	1	....	2	1	1½	1½	....	½	1	....	1
Fenton	4	2	....	2	....	3	½	½	4	½	1½	1	....	½	½	....	....
Fife Lake	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fillmore Tp. 1	1	....	....	....	....	1	1	....	....	1	1	....	....	....	....	....	1
Fillmore Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Filion	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Flat Rock	4	....	....	2	....	3	½	....	3	1	½	1½	....	½	....	....	½
Flint	4	4	2	3	3	4	½	½	5	....	2	1½	½	1	1	½	....
Flushing	4	2	....	2	....	3	1	....	3	4	2	2	....	....	2	....	....
Forester Tp. 4 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Forest Grove	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Forestville	2	....	....	....	....	3	3	....	3	1	2	....	....	4	....	....	....

—*Continued*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	4	2	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	yes	no	no	no	no	no	no	...	...	...	...	...
1½	1½	2	...	2	2	...	...	yes	yes	yes	no	no	yes	yes	yes	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	1	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
2	2	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	no	yes	yes	...	...	...	...	...	...
2	2	4	...	4	...	...	4	yes	yes	yes	yes	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	½	...	...	no	no	yes	no	no	no	no	no	...	...	...	...	...
...	...	...	1	1	...	...	...	no	yes	no	no	no	no	no	no	...	...	...	...	...
2	2	4	4	2	2	...	2	yes	yes	yes	yes	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	12
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	yes	no	no	no	no	no	no	1	3	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	1	2	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	4	4	...	4	no	no	yes	yes	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
2	2	4	3	...	3	...	...	yes	yes	yes	no	yes	yes	yes	no	...	...	2	61	8
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	2
...	...	...	...	...	...	...	...	yes	yes	no	....	no	no	no	no	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	....	....	....	no	no	no	no	...	...	...	...	...
2	2	4	4	2	2	....	4	yes	yes	yes	yes	yes	no	yes	yes	...	...	19	486	44
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Forsyth Tp.	4	2	....	2	....	3	½	....	4	....	1½	1½	....	....	1	....	....
Fostoria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fowler	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fowlerville	4	2	....	2	....	3	1	....	2	1	2	2	....	1	....	....	....
Frankfort	4	2	....	....	....	3	½	....	4	2	1½	1½	....	½	....	½	....
Frederic	4	2	....	2	....	4	½	1	2	½	1½	1½	....	....	1	....	....
Freeland	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Freeport	4	2	....	2	....	3	½	½	4	....	1½	1½	....	....	½	....	....
Freesoil	4	2	....	2	....	2	....	....	2	....	2	2	....	1	1	....	....
Fremont	4	2	....	2	....	3½	½	....	3	4	1½	1½	½	½	½	½	½
Frontier	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fruitport	1	....	....	....	....	2	....	....	....	....	1½	1	....	2	1	....	....
Gagetown	4	4	....	4	....	8	2	4	4	2	4	2	....	8	2	....	....
Gaines	2	....	....	....	....	1	½	....	1	....	1	1	....	....	½	....	....
Galesburg	4	2	....	2	....	3	1	....	3	....	1½	1½	....	1	½	½	....
Galien	4	2	....	....	....	3	½	....	3½	½	1½	1½	....	½	½	½	....
Garfield Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Gaylord	4	2	....	3	....	3	½	....	3	....	1½	....	1½	½	1½	....	....
Germfask	2	1	....	1	....	2	....	....	....	....	1	1	....	....	....	....	½
Gladstone	4	2	....	2	....	2½	½	....	4	....	1½	1½	....	1	1	....	....
Gladwin	4	2	....	2	....	3	½	....	3½	1	1½	1½	½	½	½	....	....
Gobleville	4	2	....	2	....	3	1	....	3	....	1½	1½	....	1	1	½	1
Graafschap	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grand Blanc	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grand Haven	4	4	....	4	....	3	½	½	4	....	1½	1½	½	½	2	½	½
Grand Junction	1	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....
Grand Ledge	3	4	....	2	....	3	½	....	3	....	1½	1½	....	....	1	....	....
Grand Rapids	4	4	2	4	2	4	1	½	4	1	2½	2	½	1	2	½	½
Grand Rapids Tp. 6	3	1	....	....	....	1	....	....	....	1	1	....	....	1	1	....	....
Grand Rapids Tp. 8 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grandville	4	2	....	2	....	3	1	....	4	1	1½	1½	....	1	....	....	....
Grant	4	2	....	....	....	3	½	....	3½	½	2	2	....	....	½	....	....
Grass Lake	4	4	....	2	....	3	½	....	2	½	1½	1½	....	½	½	....	....
Grattan	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grayling	4	2	....	2	....	2½	½	....	4	....	1½	1½	....	½	....	....	....
Greenfield Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Greenfield Tp. 10 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Greenland Tp.	4	2	....	2	....	3	1	....	3	....	1½	1½	....	....	1	....	....
Greenville	4	2	....	2	2	4	1	½	3	4	1½	1½	½	½	2	½	½
Grindstone City	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grosse Isle	4	....	....	2	....	3	½	....	3	....	1½	1½	....	1	1	....	....
Grosse Pointe Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hadley	4	2	....	2	....	2	....	....	....	1	2	1	....	1	½	....	....
Hale	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Halfway	2	....	....	....	....	2	....	....	2	½	1½	....	....	....	1	....	....
Hamilton	2	1	....	....	....	2	....	....	....	....	2	½	....	1	....	....	....
Hamtramck	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hamtramck Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hamtramck Tp. 9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hamtramck Tp. 5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hancock	4	4	....	3	....	1	3	....	4	....	1½	1½	½	½	1	½	½
Hanover	4	2	....	....	....	2½	½	....	3	....	1½	1½	....	½	....	....	....
Harbor Beach	4	2	....	2	....	3	1	....	4	....	1½	1½	....	½	2	....	....
Harbor Springs	4	2	....	2	....	4	1	....	3	....	1½	1½	....	1	1½	½	1
Harrietta	2	....	....	....	....	2	....	....	1	....	2	....	....	....	....	....	....

—*Continued*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
1	1	....	....	....	....	....	....	yes	no	yes	yes	no	yes	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	1	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	1½	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	1	1	....	....	....	....	yes	yes	no	no	no	yes	no	no	.....	.....	.....	.....	2
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	4	2	....	2	....	....	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	½	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	....	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	....	....	....	....	yes	yes	yes	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	no	....	....	....	....	yes	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2½	....	....	....	....	....	....	yes	yes	no	no	no	no	no	yes	.....	.....	2	16	5
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	1	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	3
2	2	4	4	2	2	2	2	yes	yes	yes	yes	yes	no	yes	yes	23	574	207	3,977	410
½	1	½	....	....	....	....	....	yes	no	no	no	no	yes	no	yes	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	1	....	....	....	....	....	yes	yes	no	no	no	yes	....	yes	.....	.....	.....	.....	3
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	4	2	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	yes	yes	no	.....	.....	.....	.....	.....
...	½	....	....	....	....	....	....	yes	no	no	no	yes	no	no	no	.....	.....	.....	.....	3
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1½	2	4	4	4	4	....	4	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	2
2	4	4	3	2	....	....	2	yes	yes	no	yes	no	no	no	yes	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	2	2	....	4	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	....	yes	yes	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	yes	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	yes	no	no	.....	.....	7	550	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1	1	....	1	2	2	....	2	yes	yes	yes	yes	no	no	no	no	1	15	7	60	12
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
1½	1½	....	....	....	....	....	....	yes	yes	....	yes	no	no	no	no	1	15	.....	.....	.....
1½	2	4	2	2	....	....	2	yes	yes	yes	yes	no	no	no	no	1	18	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Harrison	4	2	....	....	....	4	½	....	3	½	1½	1	....	½	....	....	½
Harrisville	4	2	....	....	....	4	....	....	4	1	2	2	....	....	....	....	....
Hart	4	2	....	2	....	2½	....	....	4	4	1½	1½	½	1	1½	....	....
Hartford	4	2	....	2	....	2½	½	....	3½	....	1½	1½	....	½	½	....	....
Haslett	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hastings	4	4	....	2	....	3	½	½	4	3	1½	1½	½	½	2	½	½
Hematite Tp	4	2	....	2	....	3	1	....	4	....	1½	1½	....	....	½	....	....
Hemlock	4	2	....	2	....	2	....	....	3	....	1½	1	....	1	....	....	....
Hersey	4	2	....	....	....	2½	½	....	3½	....	1½	1½	....	....	....	....	½
Hesperia	4	....	....	2	....	3	1	....	3	1	1½	1½	....	½	....	....	½
Highland Park	4	4	....	4	2	4	1	....	4	....	3	2	1	....	2	....	1
Hillman	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hillsdale	4	4	....	2	....	3	½	....	4	4	1½	1½	....	½	....	....	....
Holland	4	4	....	2	....	4	1	....	4	....	2	1½	½	....	....	....	....
Holland Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holland Tp. 4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holland Tp. 6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holland Tp. 9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holland Tp. 11 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holly	4	4	....	2	....	3	½	....	4	....	1½	1½	....	½	1	....	½
Holt	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Homer	4	2	....	2	....	3	½	....	4	....	1½	1½	....	½	½	½	½
Honor	4	....	....	2	....	3	½	....	1	2	1½	1½	....	½	½	....	....
Hope Tp. 1	2	....	....	....	....	2	1	....	....	1	2	....	....	2	....	....	....
Hopkins	4	2	....	2	....	3	½	....	3½	½	1½	1½	....	½	1	½	½
Horton	4	2	....	2	....	3	½	....	3½	½	1½	1½	....	½	....	....	....
Houghton	4	2	....	2	....	2	½	½	2	....	1½	1½	½	1	4	1	1
Howard City	4	2	....	2	....	2½	½	....	4	....	1½	1½	....	½	1	....	....
Howell	4	4	....	2	....	3½	½	....	4	....	1½	1½	....	....	1	....	....
Hubbardston	4	2	....	....	....	2½	....	....	4	....	1½	1	....	....	....	....	....
Hudson	4	4	....	2	....	3	½	....	3	2	1½	1½	....	½	1	....	½
Hudsonville	4	2	....	....	....	2	½	....	1	....	1½	1½	....	½	....	....	....
Ida	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Imlay City	4	2	....	2	....	3	1	....	4	....	1½	1½	....	½	½	½	....
Ionia	4	4	....	2	....	3½	½	....	4	....	1½	1½	½	½	2	½	....
Iron Mountain	1	2	....	2	....	3	½	....	3	4	1½	1½	½	1	1	....	½
Iron River	4	4	....	2	....	3	1	1	4	1	2	2	1	2	1	1	....
Ironwood	4	4	....	2	....	3	½	½	4	....	1½	1½	½	1	2	½	½
Ishpeming	4	4	....	2	2	4	½	....	4	2	2	1½	½	½	2	½	½
Ithaca	4	2	....	2	....	4	½	....	4	....	1½	1½	½	½	....	....	....
Jackson	4	4	....	4	2	4	½	....	1	....	1½	1½	½	½	1	½	½
Jamestown	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jennings	4	2	....	....	....	2	½	....	2½	....	1½	1½	....	½	....	....	....
Jerome	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jonesville	4	3	....	2	....	4	1	....	4	1	1½	1½	....	½	½	½	....
Kalamazoo	4	4	....	4	2	4	½	½	4	....	1½	1½	1	....	2	½	½
Kalkaska	4	4	....	....	....	2½	½	....	2½	1	1½	1½	½	1	1	....	½
Kendall	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kent City	4	2	....	2	....	3	½	....	4	....	1½	1½	....	½	½	....	½
Kilmanagh	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kinde	2	....	....	....	....	1	....	....	....	1	2	1	....	....	....	....	....
Kingsley	3	....	....	1	....	2½	....	....	2	1	1½	1½	....	....	....	....	....
Kingston	4	....	....	2	....	3	1	....	3	½	1½	1½	....	½	½	....	½
Kochville Tp. 6 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

—*Continued*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	1	17	1
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
1	1	....	....	....	2	....	....	....	....	yes	....	no	no	no	no	.....	.....	.....	.....	.....
...	....	2	....	½	½	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	....	1	1	1	....	1	yes	yes	yes	yes	no	yes	yes	yes	.....	.....	.....	.....	4
...	....	....	....	4	4	....	4	yes	yes	yes	yes	no	no	no	no	.....	.....	1	20	.....
...	....	....	....	....	....	....	....	no	no	yes	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	4	4	4	4	....	4	yes	yes	yes	yes	yes	yes	yes	yes	1	11	6	162	3
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	4	2	2	2	....	2	yes	yes	yes	yes	yes	yes	yes	no	.....	.....	.....	.....	4
...	....	4	4	4	2	....	2	yes	yes	yes	yes	no	yes	no	yes	.....	.....	3	54	39
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	4	2	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	yes	yes	....	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	....	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	....	1	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
1½	2	4	4	1	1	....	1	yes	yes	yes	yes	yes	no	no	no	.....	.....	2	55	6
...	....	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	4	2	....	....	....	....	yes	yes	....	....	no	....	....	....	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	no	no	....	....	no	no	no	no	.....	.....	.....	.....	.....
1	1	4	1	....	....	....	....	yes	yes	no	no	yes	yes	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	yes	yes	yes	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	1	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
1½	2	4	1	1	1	....	1	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	7
2	2	1	1	4	1	½	1½	yes	yes	yes	yes	no	yes	yes	yes	.....	.....	3	65	10
2	2	4	....	3	3	....	3	yes	yes	yes	yes	no	no	no	no	2	35	7	102	2
2	2	4	2	2	2	1	2	yes	yes	yes	yes	yes	no	no	no	1	19	8	135	20
2	2	4	4	....	4	3	1	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	8
...	....	4	4	4	4	....	4	yes	yes	yes	yes	no	no	yes	no	1	13	.....	.....	1
1	1	1	1	2	....	....	2	yes	yes	yes	yes	yes	yes	yes	yes	4	179	18	572	32
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	yes	no	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	1	4	....	....	....	....	1	yes	yes	no	yes	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	4	4	2	2	yes	yes	yes	yes	yes	yes	yes	yes	8	67	31	400	81
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	3
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	yes	yes	yes	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	yes	yes	no	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	yes	....	yes	no	no	no	no	.....	.....	.....	.....	.....

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Laingsburg	4	2	....	....	....	3	½	....	3	....	1½	1½	....	....	½	....	....
Lake Tp. 7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lake Ann	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lake City	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lake Linden	4	4	....	2	....	3	½	....	4	....	1½	1½	1	1	1	1	1
Lake Odessa	4	2	....	2	....	2½	½	....	4	1	1½	1½	....	....	1	....	....
Lakeview	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
L'Anse	4	2	....	2	2	2½	½	....	3	....	1½	1½	1½	½	1	½	1½
Lansing	4	4	....	4	2	3	....	½	2	....	1½	1½	½	1	2	½	½
Lapeer	4	4	....	2	....	3	½	....	4	....	1½	1½	....	1	2	....	....
Lawrence	4	2	....	2	....	3	1	....	....	....	1½	1½	....	1	½	....	½
Lawton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Leavitt Tp. 8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lennon	2	....	....	....	....	2	....	....	1	....	1½	1	....	½	....	....	....
Lenox	4	4	....	2	....	3	½	....	3	....	1½	1½	....	1	2	....	....
Leonard	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Leroy	4	2	....	....	....	4	....	....	4	....	1½	1	....	½	½	½	....
Leslie	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Levering	2	....	....	....	....	2	....	....	2	....	1	1	....	....	....	....	....
Lexington	2	....	....	2	....	2	½	....	2	....	1½	1	....	1	1	....	½
Lincoln Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lincoln Tp. 4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Linden	4	2	....	2	....	1½	½	....	3	1	1½	1½	....	½	½	....	½
Lisbon	2	....	....	....	....	2	....	....	....	1	....	1	....	2	....	....	1
Litchfield	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lowell	4	2	....	2	....	3	½	....	4	....	1½	1½	1½	1	1	½	½
Lucas	3	....	....	....	....	3	....	....	1	....	1½	1	....	½	½	....	....
Ludington	4	4	....	2	....	2	1	½	3	4	1½	1½	....	½	½	½	½
Lum	2	....	....	....	....	2	1	....	....	1	1	1	....	....	....	....	....
Lupton	2	....	....	....	....	2	....	....	....	....	2	1	....	....	....	....	½
Luther	2	2	....	2	....	2	2	....	....	2	4	2	....	2	2	....	....
Lyons	4	2	....	....	....	3	½	....	4	1	1½	1½	....	½	....	....	....
Mackinac Island City	4	4	....	....	2	4	1	....	....	1	2	2	....	1	....	....	1
Mackinaw City	3	....	....	....	....	2	2	....	2	1	2	2	....	....	....	....	....
Macomb Tp. 2 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mancelona	4	4	....	2	....	3	½	....	3	1	1½	1½	½	½	½	....	....
Manchester	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Manistee	4	4	....	2	2	4	1	....	1	2	1½	1½	....	1	2	½	1
Manistique	4	4	....	2	....	2½	1½	....	4	....	1½	1½	....	½	2	½	½
Manton	4	2	....	2	....	2½	½	....	2	4	1½	1½	....	....	1	....	....
Maple Grove Tp. 5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Maple Rapids	4	2	....	2	....	2½	½	....	3	....	1½	1½	½	½	....	....	½
Marcellus	4	4	....	2	....	2½	½	....	2½	½	1½	1½	....	½	½	½	½
Marine City	4	2	....	2	....	2½	½	....	4	....	1½	1½	....	½	1	½	½
Marion	4	2	....	....	....	3	½	....	3	1	1½	1½	....	½	½	½	....
Marion Tp. 4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marlette	4	2	....	2	....	4	½	....	4	1	1½	1½	½	½	½	....	....
Marquette	4	4	....	4	4	4	½	....	4	....	1½	1½	1	1	2	½	½
Marshall	4	4	....	2	2	4	½	½	4	4	1½	1½	½	½	½	....	½
Martin	4	2	....	....	....	4	....	....	4	1	1½	1½	....	1	....	....	½
Marysville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mason	4	4	....	2	....	3	½	....	3½	....	1½	1½	½	....	½	....	....
Masonville Tp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mattawan	4	2	....	2	....	3½	½	....	2	1	1½	1½	....	½	½	....	....
Mayville	4	2	....	2	....	3	1	....	1	....	2	2	....	3	1	1	....

—*Continued*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	....	....	....	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1	2	....	....	2	1	....	....	yes	yes	no	yes	no	yes	yes	no	.....	.....	.....	.....	.....
...	....	4	....	....	....	....	....	yes	yes	yes	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1	1	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	....	....	....	....	yes	yes	yes	yes	no	no	no	no	.....	.....	17	589	.....
1	1½	4	1	4	4	4	4	yes	yes	yes	yes	no	yes	no	no	.....	.....	.....	.....	.....
...	....	4	4	....	....	....	....	yes	yes	yes	no	no	yes	yes	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	....	....	....	....	yes	yes	no	no	no	no	....	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	1	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	2
...	1	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1½	2	4	½	½	....	....	....	yes	yes	no	no	no	yes	no	no	.....	.....	5	35	.....
...	....	....	....	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	1	1	1	....	....	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	15
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	5	129	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	1	....	....	....	....	....	yes	yes	no	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	4	....	1	2	....	2	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	44
1	1	4	....	½	½	....	....	yes	yes	yes	no	no	no	no	no	.....	.....	1	29	18
...	½	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	2
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	½	....	....	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	no	no	no	.....	.....	.....	.....	.....
...	....	....	4	....	....	....	....	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	4	....	1	3	1½	3	yes	no	yes	yes	yes	yes	yes	no	.....	.....	3	91	13
...	....	1	1	....	....	....	2	yes	yes	no	yes	no	no	no	no	.....	.....	.....	.....	3
..	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
..	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
McBain	3	1	....	1	....	2	....	....	....	1	1½	1½	....	....	....	....	....
McBride	3	....	....	1	....	3	....	1	1	1	2	1	....	....	....	....	½
McMillan Tp.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
McMillan Tp.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mears	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mecosta	2	....	....	....	....	2	....	....	2	....	1	1	....	....	....	....	....
Memphis	4	2	....	....	....	2½	½	....	3½	....	1½	1½	....	½	....	....	½
Mendon	4	2	....	2	....	2½	½	....	4	....	2	1	....	½	....	....	....
Menominee	4	4	....	3	....	4	1	....	4	....	1½	1½	½	1	2	½	½
Merrill	2	2	....	....	....	2	....	....	....	....	1½	½	....	....	....	....	....
Mesick	4	2	....	2	....	2½	½	....	3	½	1½	1½	....	½	....	....	....
Metamora	2	2	....	....	....	2½	½	....	3	1	1½	1½	....	1	½	....	....
Michigamme	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Middleton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Middleville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Midland	4	4	....	2	....	2½	½	....	5	1	2	1½	½	½	½	½	½
Milan	4	2	....	2	....	2½	½	....	2	1	1½	1½	....	½	1	½	½
Milford	4	2	....	2	....	2½	½	....	4	....	1½	1½	....	½	1	½	½
Millbrook	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Millburg	2	....	....	....	....	2	....	....	1	....	1	½	....	½	1	....	....
Millersburg	2	....	....	....	....	1	....	....	....	....	1½	½	....	1	....	....	....
Millington	4	2	....	2	....	4	½	....	4	½	1½	1½	½	½	½	....	....
Minden City	2	....	....	....	....	2	1	....	....	1	2	1	....	1	....	....	....
Mio	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monguagon Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monitor Tp. 6 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monroe	4	4	....	2	....	3½	½	....	4	3	1½	1½	1½	1	1½	½	½
Montague	4	2	....	2	....	2½	½	....	2½	½	1½	1	....	½	½	....	1
Montgomery	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Montrose	4	2	....	....	....	4	½	....	3	½	1½	1½	....	....	....	....	....
Moore Tp. No. 6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Morenci	4	3	....	2	....	3	½	½	4	1	1½	1½	....	½	1	....	....
Morley	2	2	....	....	....	2	....	....	2	....	1½	1	....	1	....	....	....
Morrice	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Moscow	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mt. Clemens	4	4	....	2	2	3½	½	....	4	....	1½	1½	½	1	2	½	½
Mt. Morris	3	2	....	....	....	3	1	....	4	....	2	1	....	1	½	½	....
Mt. Pleasant	4	4	....	2	....	3	½	....	4	....	1½	1½	½	½	1½	....	1
Muir	2	2	....	2	....	2	1	....	2	....	2	2	....	1	....	....	....
Mulliken	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Munising Tp.	4	2	....	2	2	3	½	....	4	....	1½	1½	½	½	2	....	....
Muskegon	4	4	....	3	3	4	1	½	4	2	2	1½	½	½	3	½	½
Muskegon Heights	2	2	....	....	....	2	½	....	2	½	1	1	....	....	....	....	....
Napoleon	3	....	....	....	....	3	2	....	2	1	2	2	....	2	1	....	....
Nashville	4	4	....	2	....	4	½	....	4	1	1½	1½	....	½	1	½	....
Negaunee	3	2	....	2	2	3	3	....	3	....	1½	1½	....	1	2	1	1
Newaygo	4	2	....	2	....	3	1	....	4	....	2	2	....	1	1	....	....
New Baltimore	4	2	....	2	....	2	....	....	4	1	1½	1½	....	....	....	....	....
New Buffalo	4	....	....	2	....	3	½	½	2½	....	1½	1½	....	....	....	....	....
New Era	2	....	....	....	....	2	....	....	½	½	1	1	....	....	....	....	½
New Haven	2	....	....	....	....	2	....	....	1	....	1	1	....	½	½	....	....
New Holland	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New Hudson	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New Troy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Niles	4	4	....	2	....	2½	½	½	4	....	1½	1½	½	....	1	....	....

—*Continued*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	2
...	....	1	1	....	....	....	....	yes	yes	no	no	no	yes	yes	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	....	....	4	4	....	2	yes	yes	yes	yes	no	no	no	yes	1	26	.....	.....	26
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	½	1	1	1	....	1	....	yes	yes	yes	yes	no	yes	no	.....	.....	1	15	1
...	....	....	....	....	....	....	....	....	....	....	....	....	no	yes	no	.....	.....	.....	.....	1
1	1	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	½	½	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
1½	1½	2	....	2	2	....	1	yes	yes	yes	yes	no	no	no	yes	.....	.....	2	41	25
...	½	4	....	....	....	....	....	yes	yes	no	no	no	yes	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	2	2	2	2	....	2	yes	yes	yes	yes	no	yes	no	no	.....	.....	.....	.....	12
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	1	½	½	2	....	....	2	yes	yes	yes	yes	no	no	yes	no	.....	.....	.....	.....	2
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	1	....	4	4	....	....	yes	yes	yes	yes	no	no	no	no	.....	.....	3	10	.....
3	3	4	2	4	4	2	2	yes	yes	yes	yes	yes	yes	yes	yes	3	47	23	479	61
...	....	2	2	2	2	....	2	yes	yes	no	yes	no	no	no	yes	1	20	.....	.....	1
...	....	....	....	1	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	1	½	½	½	½	....	1	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
2	2	1	1	2	2	2	2	yes	yes	yes	yes	yes	yes	yes	no	.....	.....	3	215	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	4	4	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	1	1	1	1	....	2	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	.....

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Noordeloos	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
North Adams	4	2	....	2	....	1½	½	....	4	4	1½	1½	....	½	½	....	....
North Branch	4	2	....	2	....	2½	½	....	4	....	1½	1½	....	½	1	....	....
North Muskegon	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Northport	4	2	....	....	....	2½	½	....	3	1	1½	1½	....	½	....	....	....
North Star	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Northville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Norway City	4	2	....	3	....	3	½	....	4	....	1½	1½	....	½	2	½	½
Norway Tp	4	4	....	2	....	2	1	....	2	....	2	1½	½	½	1	....	½
Nunica	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Oakley	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Okemos	2	....	....	....	....	2	....	....	....	....	1½	½	....	....	....	....	....
Olivet	4	2	....	2	....	4	½	....	3	½	1½	1½	....	½	....	½	....
Omer	4	2	....	2	....	4	½	....	2	½	2	1½	....	1	½	....	½
Onaway	4	2	....	2	....	3	1	....	3	2	1½	1½	....	1	2	½	1
Onekama	4	4	....	2	....	3	½	....	3	½	1½	1½	½	½	....	....	½
Onondaga	2	....	....	....	....	2	....	....	1½	....	1	1	....	½	1	....	....
Onsted	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ontonagon	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orion	4	4	....	2	....	3	½	....	2	½	1½	1½	....	½	....	....	....
Ortonville	4	....	....	....	....	4	½	....	1	½	1½	1½	....	½	½	½	½
Osceola Tp	4	4	....	2	....	2½	½	....	3½	....	1½	1½	....	....	1	....	½
Oscoda	....	2	....	....	....	2½	....	....	3	½	1½	1½	....	½	....	....	....
Osseo	4	2	....	....	....	3	½	....	3	1	2	1½	....	....	....	....	....
Otisville	4	2	....	....	....	2	1	....	1	½	1½	1½	....	1	....	....	½
Otsego	4	4	....	2	....	3	½	....	4	4	1½	1½	½	½	½	....	....
Otter Lake	2	....	....	....	....	1	2	....	....	½	1½	....	....	½	....	....	....
Overisel	3	3	....	....	....	3	....	....	....	....	3	....	....	....	....	....	....
Ovid	4	4	....	2	....	3	½	....	4	3	1½	1½	....	½	½	....	....
Owosso	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Oxford	4	4	....	2	....	3	½	....	3½	1	1½	1½	....	½	½	½	....
Palmyra	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Palo	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Paris Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Paris Tp. 4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parma	4	2	....	....	....	3	½	....	3	½	1½	1½	....	½	....	....	....
Paw Paw	4	4	....	2	....	3	½	....	4	....	1½	1½	½	½	1	½	....
Pellston	4	2	....	2	....	2½	½	....	4	½	1½	1½	....	½	....	....	½
Pentwater	4	2	....	2	....	2½	½	....	2½	1	1½	1½	....	1	3	....	½
Perry	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Petersburg	4	2	....	2	....	2½	½	....	2	½	1½	1½	....	½	....	....	½
Petoskey	4	4	....	2	....	4	½	½	4	....	1½	1½	½	½	1	....	....
Pewamo	3	....	....	2	....	3	....	....	3	....	1½	1½	....	1	....	....	....
Pickford Tp	2	2	....	....	....	2	1	....	2	....	1	1	....	1	....	1	....
Pierson	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pigeon	3	2	....	2	....	2½	½	....	3	½	1½	1½	....	½	....	....	½
Pinckney	4	2	....	2	....	3	½	....	4	½	1½	1½	....	½	½	....	....
Pinconning	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pine Run	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pinnebog	1	1	....	....	....	2	1	....	....	....	2	....	....	1	....	....	....
Pittsford	4	2	....	....	....	2½	1	....	3	1	2	1	....	1	....	....	....
Plainfield Tp. 9 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Plainwell	4	2	....	2	....	3	1	....	4	4	1½	1½	....	1	....	1	1
Plymouth	4	3	....	2	....	3	½	....	4	2	1½	1½	....	½	½	½	....
Pontiac	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

—*Continued*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	½	½	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	yes	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	yes	no	no	no	...	...	...	...	6
1	1	...	...	1	1	...	1	yes	yes	yes	yes	no	no	no	no	...	...	...	...	11
...	2	...	...	2	2	...	...	no	no	yes	no	no	no	no	no	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
1	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	yes	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	2
2	2	4	1	4	4	....	4	yes	yes	yes	yes	no	no	no	no	...	...	...	...	2
...	...	...	...	...	...	...	...	no	yes	no	yes	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	4	...	...	...	...	...	yes	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	9
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	1
...	...	4	4	...	...	...	...	yes	yes	no	yes	no	no	no	no	...	...	...	...	2
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	yes	...	...	no	no	no	no	...	...	...	...	...
...	...	1	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	no	no	no	no	no	no	no	1	2	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	...	...	no	no	no	no	...	...	...	...	...
...	...	½	...	2	2	....	2	yes	yes	yes	yes	no	no	no	no	...	...	...	...	...
...	...	4	4	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	4	4	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	2	1	....	2	1	....	2	no	no	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	yes	yes	yes	yes	no	no	yes	no	1	23	2	63	1
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	½	1	1	...	...	...	yes	yes	....	yes	no	no	no	no	1	23	...	...	2
...	...	½	...	...	...	...	...	yes	yes	yes	yes	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Port Austin																	
Port Hope	2						2				2			2			
Port Huron	4	4		3	2	4	½		4		2	1½	½	1	2	½	1
Portland	4	2		4		4	1		4	4	2	2		2	2		
Port Sanilac																	
Potterville	3½	2				3	½		3	½	1½	1		½	½		
Prattville	4	2				3	1		3	1	1½	1		1			½
Prescott																	
Quincy	4	2		2		3	½		3		1½	1		½			
Rapid City																	
Ravenna	4	2				3	½		4	4	1½	1½		½	½		
Reading	4	2		2		3	½		2	½	1½	1½	½		1		
Redford																	
Reed City	4	2		2		3	½		3	½	1½	1½		½			½
Reese	4	2		2		3½	½		3	1	1½	1½		½			½
Remus	2					2			2	1	1	1					
Republic Tp																	
Richland	4	2		2		3	½		4	½	1½	1½		1			
Richmond (in Lenox)																	
Riga	2					2					1½	½		1			1
Riverdale	2					2	½				1½	½		½			
River Rouge	4	4		2		3½	1	½	2½		1½	1½	½	½	2	½	½
Rochester	3	4		2		2½	½		3	½	1½	1½		1	½		
Rockford	4	2		2		3½	½		4		1½	1½	½		1		
Rockland Tp	4			2		3	½		4	½	1½	1½		½			½
Rockwood																	
Rock River																	
Rogers	4	2				½	½		3		1½	1½		½			
Romeo	4	4		3		2½	½		4	½	1½	1½	½	½	½		
Romulus																	
Roscommon																	
Rose City	4	2				3½	½		1	½	1½	1½		½			
Royal Oak	4	2		2		2½	½		3		2	1½		½	½		½
Rudyard Tp																	
Saganing																	
Saginaw, E. S	4	4		4	2	4	1	1	4	1	3	3	1	1	2	1	1
Saginaw, W. S	4	4		4	4	4		½	4		2	1½	½	1	2	½	½
St. Charles	4	2		2		3	½		4		1½	1½		½			
St. Clair	4	4		2		3	½		4		1½	1½	½	½	½		
St. Ignace	4	4		2		3	½		4		1½	1½	½	1	1		
St. James Tp. 1																	
St. Johns	4	4		2		4	½	½	4	4	2	1½	½	1	2	½	½
St. Joseph	4	4		2		3	½	½	4	4	1½	1½	½	½	1		½
St. Louis	4	4		2		3	½		4	4	1½	1½	½	½	1½	½	½
Salem	2	2				1			2		1½	½		½			1
Saline	4	2		2		3	½	½	4	½	1½	1½					½
Sand Lake	4					3			3	1	1½	½			1	½	½
Sandusky	4	3		2		2½	½		3	1	1½	1½		½	½		
Sanilac Tp. 3																	
Sanilac Tp. 8 fr																	
Saranac	4	2				2½	½		3½		1½	1½		½	½		
Saugatuck																	
Sault Ste. Marie	4	4		2	2	3	1		4		1½	1½	½	½	1		
Schoolcraft	4	4		2		2½	½		3		1½			½			
Scotts	4	2				2½	½		1	½	2	1½		½			½

—Continued

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	2	4	1	2	...	...	2	yes	yes	....	yes	yes	no	no	yes	...	...	9	160	25
...	...	4	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	....	....	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	1	...	...	...	no	no	yes	yes	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	4	...	4	...	...	...	yes	yes	yes	no	no	no	yes	no	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	yes	yes	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
2	2	4	4	2	...	...	4	yes	yes	....	yes	no	no	no	no	...	...	3	60	...
...	...	1	...	...	...	...	...	yes	no	no	no	no	no	no	no	...	...	...	...	...
½	½	½	½	...	...	...	...	yes	yes	....	....	no	yes	yes	yes	...	...	...	...	...
...	...	½	½	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	no	no	no	no	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	2	26	...	...	...
...	...	4	4	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	1	2	1	2	...	2	yes	yes	yes	yes	no	yes	yes	yes	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	2	4	4	4	4	4	4	yes	yes	yes	yes	yes	yes	yes	no	2	21	7	123	50
2	2	...	...	2	2	....	2	yes	yes	yes	yes	no	yes	no	no	...	...	7	155	114
...	...	...	...	...	...	...	...	yes	yes	yes	yes	no	no	no	no	...	...	...	...	...
...	½	1	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	8
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	1	1	2	...	...	...	...	yes	yes	no	yes	yes	no	no	no	...	...	...	...	...
1½	1½	4	2	2	2	...	...	yes	yes	yes	yes	....	yes	...	...	...	...	...	...	8
1½	1½	4	4	4	4	4	4	yes	yes	yes	yes	yes	yes	yes	no	1	18	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	½	...	...	...	...	...	no	no	no	no	no	yes	yes	no	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	yes	no	no	no	no	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	no	yes	no	yes	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	1	4	....	2	2	....	2	yes	yes	yes	yes	yes	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	...	...	...	...	...
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	...	...	...	...	...

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Scottville	4	2	....	2	....	3	½	....	4	4	1½	1½	....	....	....	....	....
Sebewaing	4	2	....	....	....	4	1	....	4	....	1½	1½	½	....	1	....	....
Shelby	4	2	....	2	....	4	....	....	3	½	1½	1½	....	....	....	....	½
Shepherd	4	2	....	2	....	3	½	....	4	1	1½	1½	....	....	....	....	....
Sheridan	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sherman	3	....	....	1	....	3	1	....	....	1	1	1	....	1	1	....	1
Sherman Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sherwood	3	....	....	2	....	2	....	....	1	....	2	2	....	1	1	....	....
Soule	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
South Frankfort	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
South Haven	4	4	....	2	....	4	1	1	3	3	1½	1½	½	....	1½	½	....
South Lyon	4	2	....	....	....	2½	½	....	3	1	1½	1½	....	½	½	....	....
Spaulding Tp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sparta	4	2	....	2	....	3½	½	....	4	....	1½	....	....	1	½	....	....
Spring Lake	2	2	....	2	....	2	1	....	2	....	1	1	....	....	1	....	½
Springport	4	....	....	2	....	2½	½	....	3	....	1½	1½	....	½	½	....	½
Springwells Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stambaugh Tp	4	2	....	2	....	3	½	....	3	½	1½	1½	....	1	2	½	½
Standish	4	2	....	2	....	3	½	....	1	1	1½	1½	....	½	1	½	....
Standish Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stanton	4	2	....	2	....	3	½	....	4	....	1½	1½	1	1	....	....	....
Stanwood	1	....	....	....	....	1	....	....	....	½	1	....	....	½	½	....	....
Stephenson Tp	4	2	....	2	....	2½	½	....	4	2	1½	1½	½	½	1	1	....
Sterling	2	2	....	2	....	2	1	....	....	....	2	2	....	1	1	....	1
Stevensville	3	2	....	2	....	2	½	....	3	1	1½	1½	....	½	....	....	....
Stockbridge	4	2	....	2	....	3	½	....	4	½	1½	1½	½	½	½	....	....
Sturgis	4	4	....	3	2	3½	½	....	4	1	1½	1½	½	½	½	....	½
Sumner Tp. 4 fr	2	....	....	....	....	2	....	....	....	....	1½	1	....	1	....	....	1
Sunfield	4	2	....	2	....	2½	½	....	2	½	2	1	....	½	1	....	....
Superior Tp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sutton's Bay	4	2	....	2	....	4	½	....	3	1	1½	1½	....	½	....	....	½
Swarts Creek	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Taymouth Tp. 8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tawas City	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tecumseh	4	4	....	2	....	2½	½	....	4	1	1½	1½	....	½	1	½	½
Tekonsha	4	2	....	2	....	3	½	....	3	....	1½	1½	....	½	½	....	½
Temperance	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Thompsonville	4	2	....	2	....	3	½	....	4	½	1½	1½	....	½	½	....	....
Thornville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Three Oaks	4	2	....	2	....	3	1	....	4	1	1½	1½	....	....	1	....	....
Three Rivers	4	4	....	2	....	3½	½	½	4	....	1½	1½	½	1	1	½	½
Tilden Tp	3	3	....	2	....	3	1	....	1	....	2	1	....	....	....	....	....
Traverse City	4	4	....	3	....	3	½	....	3	3	1½	1½	½	½	2	½	½
Trenton	4	2	....	2	....	2½	½	....	4	....	1½	½	....	½	2	½	½
Trufant	2	....	....	....	....	1	....	....	1	....	1½	1	....	½	....	....	....
Turner	2	....	....	....	....	2	....	....	2	....	2	1	....	2	½	....	....
Tuscola	2	....	....	....	....	1½	....	....	1	½	1½	1	....	1	½	½	....
Tustin	4	2	....	....	....	3½	½	....	4	....	1½	1½	....	½	½	....	1
Twining	2	....	....	....	....	2	....	....	1	½	2	1	....	....	....	....	....
Tyre	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ubly	2	....	....	....	....	2	....	....	2	....	2	....	....	....	....	....	....
Union City	4	1	....	3	2½	2½	1	....	4	2	1½	1½	½	½	2	½	½
Unionville	4	2	....	2	....	2	1	....	4	1	1½	1½	....	½	....	....	....
Utica	4	2	....	....	....	2	½	....	4	½	1½	1½	....	½	½	....	....
Vandalia	4	2	....	....	....	2½	½	....	4	....	1½	1½	½	½	½	....	½

—Continued

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
½	½	...	...	...	...	...	...	yes	yes	no	yes	no	no	no	no	.....	.....	1	8	1
...	...	2	...	...	...	...	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	2	2	...	...	...	...	yes	yes	no	yes	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	3	...	...	...	...	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	yes	yes	no	.....	.....	.....	.....	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
1½	2	1	1	1	1	....	1	yes	yes	yes	yes	yes	no	no	no	.....	.....	.....	.....	11
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	4	4	...	...	...	...	yes	yes	....	yes	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	yes	yes	.....	.....	.....	.....	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
2	2	...	1	½	3½	....	4	yes	yes	yes	yes	no	no	yes	no	.....	.....	1	24	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	1	1	....	...	no	no	yes	no	no	no	no	no	1	6	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	1	1	...	...	...	...	...	yes	yes	....	....	no	yes	yes	yes	1	16	2	38	15
...	...	...	...	...	...	...	...	yes	no	no	no	no	yes	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	½	...	...	...	...	yes	yes	no	no	no	no	no	no	1	3	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
1	1	1	1	...	...	...	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	3
...	1	4	4	...	...	...	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	...	...	...	...	...	...	...	...	no	no	no	no	.....	.....	.....	.....	1
...	...	1	...	...	4	...	...	yes	no	yes	no	no	no	no	no	.....	.....	1	30	4
2	2	4	4	1½	1½	....	4	yes	yes	yes	yes	no	yes	no	yes	.....	.....	.....	.....	1
...	...	3	...	...	...	...	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
2	2	4	4	4	4	....	4	yes	yes	yes	yes	yes	yes	no	no	1	16	8	96	15
1	2	4	2	...	...	...	...	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	3
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	2	41	.....	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	2
1	2	1	2	...	...	...	...	yes	yes	yes	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	yes	yes	...	...	...	...	...	...	.....	.....	.....	.....	.....
...	...	4	...	...	...	...	...	yes	yes	no	no	no	....	no	no	.....	.....	.....	.....	.....
...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....

TABLE XX

Graded districts	Number of years above eighth grade given																
	English	Latin	Greek	German	French	History	Civics	Economics	Science	Agriculture	Algebra	Geometry	Trigonometry	Arithmetic	Bookkeeping	Commercial law	Commercial geography
Vanderbilt	4	2	....	....	....	4	1	....	2	1	1½	1½	....	....	....	....	....
Vassar	4	4	....	2	....	4	1	....	4	1	1½	1½	½	1	½	½	....
Vermontville	4	2	....	2	....	3	....	....	2½	....	1½	1½	....	½	....	....	....
Vernon	4	3	....	2	....	4	½	....	4	....	1½	1½	....	....	....	....	....
Vestaburg	3	2	....	....	....	....	1	....	2	....	2	2	....	½	....	....	....
Vicksburg	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Vriesland	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wacousta	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wakefield Tp	3	2	....	2	....	3	½	....	3	....	½	½	....	½	2	½	½
Waldron	4	....	....	2	....	3	1	....	2	....	1½	1½	....	1	½	½	½
Walker Tp. 11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Warren	2	....	....	....	....	2	....	....	....	....	....	1	....	....	....	....	....
Warren Tp. 1 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Warren Tp. 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Washington Tp. 4 fr	2	....	....	....	....	2	....	....	....	2	2	....	....	2	1	....	....
Washington Tp. 12 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Watersmeet Tp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Watervliet	4	2	....	2	....	3	½	....	3	3	1½	1½	....	½	½	....	½
Wayland	4	2	....	2	....	4	....	....	4	½	1½	1½	....	....	1	....	....
Wayne	4	4	....	2	....	4	½	....	4	½	1½	1½	½	½	½	....	½
Webberville	4	2	....	....	....	2	....	....	4	½	1½	1½	....	½	....	....	½
Weidman	2	....	....	....	....	3	....	....	2	....	1½	1½	....	....	....	....	1
West Branch	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wheeler	2	....	....	....	....	2	....	....	....	....	1½	....	....	½	....	....	1
White Cloud	4	....	....	....	....	2½	½	....	4	½	1½	1½	....	½	½	....	½
Whitehall	4	2	....	2	....	3	1	....	4	....	1½	1½	....	½	½	....	....
White Pigeon	4	4	....	2	....	2	½	....	3	1	1½	1½	....	....	....	....	....
Whittemore	2	....	....	....	....	1	....	....	....	2	2	....	....	1	2	2	2
Williamston	4	4	....	2	....	3	1	....	4	½	1½	1½	½	....	....	....	....
Windsor Tp. 1	2	....	....	....	....	2½	....	....	1	....	2	....	....	1	....	....	....
Winsor Tp. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Winsor Tp. 6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wolverine	3	2	....	2	....	3	1	....	3	1	2	2	....	1	....	....	....
Woodland	2	....	....	....	....	1½	....	....	1	....	1½	1	....	½	....	....	....
Worth Tp. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wyandotte	4	4	....	4	....	2½	½	....	4	....	1½	1½	½	1	2	....	....
Wyoming Tp. 4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wyoming Tp. 7	2	2	....	....	....	2	....	....	½	....	1½	½	....	....	½	....	....
Wyoming Tp. 9 fr	4	2	....	2	....	3½	½	½	4	....	1½	1½	½	½	....	....	½
Yale	4	4	....	2	....	3	1	....	3½	....	1½	1½	....	½	½	....	....
Ypsilanti	4	4	....	3	2	3½	½	....	4	1	2	1½	½	½	....	....	....
Yuma	2	1	....	....	....	2	....	....	....	....	2	....	....	....	....	....	....
Zeeland	4	4	....	2	....	2½	½	....	3½	....	1½	1½	....	½	½	....	....
Zeeland Tp. 4 fr	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Zutphen	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

—Concluded

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	...	4	4	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	½	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	1	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	1	....	....	1	1	....	1	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	yes	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	1	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
...	...	1	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	1	½	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	2	1	2	....	....	....	yes	yes	yes	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	4
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	1	1	1	1	....	1	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	2	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	12
...	...	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	4
...	½	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	1½	1	2	2	....	2	yes	yes	yes	yes	no	yes	no	yes	.....	.....	.....	.....	3
...	...	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	yes	yes	no	no	no	yes	yes	yes	.....	.....	.....	.....	5
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....

TABLE

Special report of the

Incorporated cities	No. of teachers in the school, including superintendents and special teachers	No. of special teachers employed	No. of instructors in manual training	No. of instructors in penmanship	No. of instructors in drawing	No. of instructors in music	No. of instructors in kindergarten	No. of instructors in commercial courses	No. of instructors in physical training	No. of instructors in domestic science and art	No. of instructors in agriculture	No. of teachers of music, drawing, and kindergarten qualified under Act No. 24 of 1905
Adrian	55	12	2	0	1	1	3	2	.....	2	1	.....
*Albion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Allegan	36	8	1	1	1	1	2	1	.....	1	.....	4
Alma	29	5	1	.5	.5	.....	1	1	.....	1	.....	5
Alpena	57	6	.....	.....	1	1	1	2	1	.....	.....	.....
Ann Arbor	103	16	3	.....	1	1	3	3	3	2	.....	.....
Au Gres	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Au Sable	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bad Axe	18	4	.....	.....	.5	.5	1	1	.....	.....	1	2
Battle Creek	182	28	4	.....	3	2	7	4	3	5	.....	.....
Bay City	235	35	4	1	1	2	13	8	.....	4	2	35
Beaverton	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belding	29	5	1	.2	.5	.5	2	.8	.....	.....	.....	5
Benton Harbor	71	13	2	1	.5	.5	6	1	.....	2	.....	7
Bessemer	47	8	1	1	.....	1	3	1	.....	1	.....	.....
Big Rapids	33	4	1	.....	.5	.5	.....	1	.....	1	.....	.....
Boyne City	44	8	1	.....	1	1	2	1	.....	1	1	7
Calumet	222	36	5	2	1	2	14	4	1	7	.....	.....
Cadillac	63	12	2	.....	1	1	5	1	.....	2	.....	7
Charlevoix	21	2	.....	.....	.5	.5	.....	1	.....	.....	.....	1
Charlotte	33	4	1	.....	.5	.5	.....	1	.....	.....	1	2
Cheboygan	36	4	.5	.....	.5	.5	.....	2	.....	.5	.....	1
Chesaning	10	1	.....	.....	.5	.5	.....	.....	.....	.....	.....	1
Clare	14	1	.....	.....	.5	.5	.....	.....	.....	.....	.....	1
Coldwater	44	8	1	.....	1	1	2	2	.....	1	.....	5
Coleman	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corunna	15	4	1	.....	1	1	1	.....	.....	.....	.....	1
Croswell	15	2	.....	.....	.....	1	.....	.....	.....	.....	1	2
Crystal Falls	58	13	2	.5	1	1	5	1.5	.....	2	.....	7
*Detroit	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Dowagiac	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Jordan	22	7	1	1	.....	.....	2	1	.....	1	1	.....
East Lansing	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Tawas	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eaton Rapids	18	4	.5	.....	.5	.5	1	1	.....	.5	.....	1
Escanaba	82	16	.....	.....	1	1	8	2	1.5	2	.5	1
Flint	245	36	5	1	1	1	20	2	2	2	.....	36
Fremont	21	4	.....	.....	.5	.5	1	1	.....	.....	1	2
Gladstone	26	4	.....	.....	.5	.5	2	1	.....	.....	.....	2
Gladwin	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Haven	41	5	.....	.....	.5	.5	3	1	.....	.....	.....	4
Grand Ledge	26	3	.....	.....	.5	.5	1	1	.....	.....	.....	1
Grand Rapids	666	164	39	.....	15 5	11 5	68	12	.....	17	1	43
Greenville	31	6	1	1	0	1	.....	2	.....	.....	1	2
Hancock	51	10	1	.3	1	1	3	1.7	.....	2	.....	2
Harbor Beach	15	4	1	.....	.5	.5	1	1	.....	.....	.....	.....
*Harrison	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Harrisville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hastings	35	7	1	.....	.5	.5	1	2	.....	1	1	5
Hillsdale	37	8	.5	.....	.5	1	3	.....	.....	1	1	4
Holland	72	11	1	.....	1	1	5	.....	.....	3	.....	11
Houghton	78	19	2	1	1	1	9	2	.....	2	1	16
Howell	19	1	.....	.....	.5	.5	.....	.....	.....	.....	.....	1
Hudson	18	6	.....	1	.5	.5	1	1	.....	.....	1	1
Ionia	39	6	1	.....	.5	.5	2	1	.....	1	.....	3

—*Concluded*

to the study of—								Districts giving special instruction in elementary grades in—					Does district have medical inspection?	Does district have dental inspection?	Does district employ school nurse?	Districts maintaining ungraded department		Districts maintaining evening schools		Number of pupils between ages of 15 and 16 excused on working permit
Stenography	Typewriting	Music	Drawing	Domestic art	Domestic science	Iron work	Wood work	Music	Drawing	Domestic science	Manual training	Physical training				Number of teachers	Number of pupils	Number of teachers	Number of pupils	
...	....	4	4	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	½	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	1	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	1	....	....	1	1	....	1	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	1	....	....	....	....	yes	yes	....	....	no	no	no	no	.....	.....	.....	.....	.....
...	....	1	1	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	1
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	1	½	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	2	1	2	....	....	....	yes	yes	yes	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	4
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
2	2	1	1	1	1	....	1	yes	yes	yes	yes	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	2	....	....	....	....	....	yes	no	no	no	no	no	no	no	.....	.....	.....	.....	12
...	....	4	....	....	....	....	....	yes	yes	no	no	no	no	no	no	.....	.....	.....	.....	4
...	½	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	1½	1	2	2	....	2	yes	yes	yes	yes	no	yes	no	yes	.....	.....	.....	.....	3
...	....	....	....	....	....	....	....	no	no	no	no	no	no	no	no	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	yes	yes	no	no	no	yes	yes	yes	.....	.....	.....	.....	5
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....

TABLE XXI

Incorporated cities	No. of teachers in the school, including superintendents and special teachers	No. of special teachers employed	No. of instructors in manual training	No. of instructors in penmanship	No. of instructors in drawing	No. of instructors in music	No. of instructors in kindergarten	No. of instructors in commercial courses	No. of instructors in physical training	No. of instructors in domestic science and art	No. of instructors in agriculture	No. of teachers of music, drawing, and kindergarten qualified under Act No. 24 of 1905
Iron Mountain	78	8	2	.....	1	1	.....	1	.....	2	1	1
Ironwood	103	30	5	1	1	1	15	2	.....	5	.....	.....
Ishpeming	85	17	5	.5	1	1	5	1.5	.....	3	.....	7
Jackson	171	20	3	0	2	1	7	2	.....	5	.....	.....
Kalamazoo	255	62	9	4	9	9	17	5	.....	9	.....	53
*Lake Linden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lansing	183	27	4.5	.....	1	3	14	2.5	.....	2	.....	9
Lapeer	25	5	.5	.5	.5	.5	1	1	.....	1	.....	.....
Ludington	60	7	1	.5	1	1	.....	2	.5	1	.....	4
*Mackinac Island City	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manistee	68	13	1	.....	.....	.....	6	3	1	1	1	9
Manistique	35	7	.....	.....	.5	.5	4	1	.....	1	.....	.....
Marine City	19	1	.....	.....	.5	.5	.....	.....	.....	.....	.....	1
Marquette	74	21	3	1	.....	1	8	3	1	3	.....	.....
Marshall	31	3	.3	.3	.4	1	.....	.....	.....	.....	1	3
Mason	18	1	.....	.....	.5	.5	.....	.....	.....	.....	.....	1
McBain	7	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Menominee	73	15	1	1	.....	1	8	2	.....	2	.....	5
Midland	25	2	.5	.....	.5	.....	.....	.....	.....	1	.....	.....
Monroe	40	4	.5	.....	.5	.5	1	5	.....	.5	.5	1
Mt. Clemens	42	8	1	.....	1	1	3	1	.....	1	.....	7
Mt. Pleasant	181	48.5	13	1	5	2	12.5	4	5	3	2.1	.....
*Muskegon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Muskegon Heights	30	6	1	.....	.5	.5	4	.....	.....	.....	.....	1
Negaunee	56	14	4	.....	.5	.5	5	2	.....	2	.....	10
Niles	38	5	1	.....	1	1	.....	1	.....	1	.....	4
North Muskegon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norway	43	5	1	1	.5	.5	.....	1	.....	1	.....	2
*Omer	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Onaway	24	5	1	.5	.5	.5	1	.5	.....	1	.....	.....
Oscoda	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Owosso	60	10	1	1	1	1	4	1	.....	1	.....	6
Oxford	12	2	.....	.....	.....	1	1	.....	.....	.....	.....	2
Petoskey	42	12	1	1	1	1	4	1	.....	2	1	3
Pontiac	105	16	2.5	.....	1.5	1	5	3	.....	3	.....	12
Port Huron	104	8	1	1	1	1	.....	2	1	1	.....	2
Rose City	6	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Saginaw E. S.	158	32	9	.5	2	2	.....	5.5	3	9	1	.....
Saginaw W. S.	115	14	3	.....	1	1	5	2	.....	2	.....	11
St. Clair	15	2	.....	.....	.5	.5	1	.....	.....	.....	.....	2
St. Ignace	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*St. Johns	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Joseph	36	8	1	.....	1	.....	4	1	.....	1	.....	2
St. Louis	20	6	1	.2	.5	.5	1	.8	.1	.....	1	5
Sandusky	11	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Sault Ste. Marie	74	8	2	1	.....	1	1	1	.....	2	.....	.....
Scottville	12	1	.5	.....	.....	.....	.....	.....	.....	.....	.5	1
South Haven	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Standish	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stanton	11	1	.....	.....	.5	.5	.....	.....	.....	.....	.....	1
Sturgis	33	4	.....	.....	.5	.5	1	1	.....	.....	1	1
Tawas City	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Rivers	34	9	1	.....	.5	5	5	1	.....	1	.....	.....
Traverse City	70	11	1.5	.....	1	1	4	1	.....	1.5	1	8
West Branch	14	2.2	.....	.....	.5	.5	.....	1	.....	.....	.2	1

†Deaf School
‡No S. Prin
**Ungraded

XXI

superintendents of city schools

No. of other special teachers who are holders of certificates other than city certificates	No. of special teachers who have been granted city certificates	Are all regular teachers holders of legal certificates of qualification?	No. holding certificates granted upon examination or indorsed by the State Board of Education	No. holding Western Normal School certificates	No. holding Northern Normal School certificates	No. holding Central Normal School certificates	No. holding State Normal College certificates	No. holding certificates granted by State University under provisions of Sec. 4304 of compiled laws	No. holding college certificates granted according to Sec. 4305 of compiled laws	No. holding city certificates of first grade	No. holding city certificates of second grade	No. holding city certificates of third grade	No. holding county certificates	Portion of superintendents' time given to supervision
6	6	yes	.....	2	.....	1	12	.....	6	.....	19	.....	3	all
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	1	yes	2	10	.....	2	.....	4	3	.....	.....	.....	7	all
1	.....	yes	.....	2	.....	7	.....	3	6	.....	.....	.....	5	6-7
2	4	yes	1	2	.....	1	8	3	4	2	13	17	.....	all
.....	10	yes	.....	.....	.....	.....	.....	.....	.....	23	26	38	.....	all
.....	.....	yes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
.....	.....	yes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1-12
2	.....	yes	1	.....	.....	6	2	2	2	.....	.....	.....	1	.....
21	7	yes	.....	19	.....	1	68	19	4	4	38	.....	1	all
.....	.....	yes	2	5	.....	15	134	23	6	.....	.....	15	.....	all
.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	6	.....	1-4
.....	.....	yes	1	3	.....	5	6	2	3	.....	.....	.....	4	1-2
.....	6	yes	2	10	.....	3	13	4	7	1	9	5	4	all
.....	8	yes	.....	.....	.....	.....	.....	.....	.....	12	16	19	2	all
2	2	yes	4	1	.....	3	10	4	2	.....	4	.....	1	6-7
.....	1	yes	.....	6	2	15	7	1	.....	.....	.....	.....	5	all
32	4	yes	8	.....	52	.....	44	15	2	.....	.....	.....	65	all
5	.....	yes	1	5	2	5	26	4	5	3	.....	.....	.....	all
1	.....	.....	.....	.....	4	2	2	1	5	.....	.....	.....	5	6-7
2	.....	yes	3	6	.....	16	.....	.....	3	.....	1	.....	.....	3-5
2	1	yes	1	.....	.....	1	10	3	3	.....	2	12	.....	all
.....	.....	8	.....	.....	.....	2	2	2	.....	.....	.....	.....	3	3-7
.....	.....	.....	.....	.....	.....	9	.....	1	3	.....	.....	.....	.....	4-7
2	1	yes	1	8	.....	.....	12	2	6	3	1	3	.....	6-7
.....	.....	yes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1-100
3	.....	yes	1	.....	.....	.....	2	3	.....	.....	5	1	.....	1-2
.....	.....	yes	1	.....	.....	.....	4	1	2	.....	.....	.....	5	1-3
1	5	yes	3	3	12	.....	8	4	1	2	4	.....	8	all
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	2	yes	.....	1	.....	2	3	.....	1	.....	.....	.....	8	4-5
.....	.....	yes	.....	.....	.....	2	2	2	1	.....	.....	.....	.....	1-6
.....	.....	yes	.....	.....	.....	3	5	.....	1	.....	.....	.....	1	2-7
.....	1	yes	.....	1	.....	.....	4	3	5	.....	2	1	.....	1-2
9	6	yes	1	.....	30	1	4	4	1	16	2	2	5	all
.....	.....	yes	.....	.....	.....	.....	.....	.....	.....	28	66	115	.....	all
2	.....	yes	.....	.....	.....	3	9	2	2	.....	.....	.....	1	5-7
2	.....	yes	.....	.....	9	1	5	.....	2	2	3	.....	.....	1-2
.....	.....	yes	1	1	.....	1	4	.....	1	.....	.....	.....	3	3-8
1	.....	yes	.....	10	.....	1	5	6	4	.....	4	3	3	all
1	1	yes	.....	2	.....	3	12	1	4	1	.....	.....	.....	6-7
.....	121	yes	7	58	1	18	136	16	.....	29	151	86	.....	1-2
2	2	yes	.....	1	.....	3	8	1	3	.....	4	5	.....	3-4
6	2	yes	.....	2	19	1	5	9	1	2	.....	2	1	all
4	.....	yes	.....	.....	1	1	7	1	5	.....	.....	.....	.....	4-7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1	yes	1	8	.....	1	11	4	2	.....	.....	.....	1	all
1	3	yes	.....	2	.....	.....	8	.....	10	.....	3	6	.....	4-5
.....	.....	yes	.....	24	.....	2	18	1	9	3	3	1	.....	all
3	.....	yes	4	3	25	.....	7	7	.....	.....	.....	13	.....	all
.....	.....	yes	1	.....	.....	.....	6	3	2	.....	.....	.....	6	1-2
3	2	yes	.....	1	.....	.....	6	.....	1	.....	1	.....	3	4-7
.....	3	.....	.....	1	.....	7	6	3	4	5	3	2	2	6-7

TABLE XXI

Incorporated cities	No. of teachers in the school, including superintendents and special teachers	No. of special teachers employed	No. of instructors in manual training	No. of instructors in penmanship	No. of instructors in drawing	No. of instructors in music	No. of instructors in kindergarten	No. of instructors in commercial courses	No. of instructors in physical training	No. of instructors in domestic science and art	No. of instructors in agriculture	No. of teachers of music, drawing, and kindergarten qualified under Act No. 24 of 1905
Whittemore	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyandotte	41	7	1	.....	1	1	2	1	.....	1	.....	7
Yale	14	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Ypsilanti	41	5	1	.5	.5	1	.....	.....	.....	2	.....	5
Zeeland	20	3	.....	.....	.5	.5	2	.....	.....	.....	.....	3

*No report filed

—*Concluded*

No. of other special teachers who are holders of certificates other than city certificates	No. of special teachers who have been granted city certificates	Are all regular teachers holders of legal certificates of qualification?	No. holding certificates granted upon examination or endorsed by the State Board of Education	No. holding Western Normal School certificates	No. holding Northern Normal School certificates	No. holding Central Normal School certificates	No. holding State Normal College certificates	No. holding certificates granted by State University under provisions of Sec. 4804 of compiled laws	No. holding college certificates granted according to Sec. 4805 of compiled laws	No. holding city certificates of first grade	No. holding city certificates of second grade	No. holding city certificates of third grade	No. holding county certificates	Portion of superintendents' time given to supervision
.....	.....	yes	.....	.....	.....	.....	20	.....	4	.....	.....	.....	2	all
.....	.....	yes	.....	.....	.....	.....	7	6	.....	.....	3	.....	1	all
.....	.....	yes	.....	1	.....	3	20	.....	1	4	1	4	2	1-2
.....	.....	yes	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	all
.....	.....	yes	.....	3	.....	2	5	1	5	.....	.....	.....	1	5-6

TABLE XXI

Incorporated cities	No. of teachers in the school, including superintendents and special teachers	No. of special teachers employed	No. of instructors in manual training	No. of instructors in penmanship	No. of instructors in drawing	No. of instructors in music	No. of instructors in kindergarten	No. of instructors in commercial courses	No. of instructors in physical training	No. of instructors in domestic science and art	No. of instructors in agriculture	No. of teachers of music, drawing, and kindergarten qualified under Act No. 24 of 1905
Whittemore	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyandotte	41	7	1	.....	1	1	2	1	.....	1	.....	7
Yale	14	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Ypsilanti	41	5	1	.5	.5	1	.....	.....	.....	2	.....	5
Zeeland	20	3	.....	.....	.5	.5	2	.....	.....	.....	.....	3

*No report filed

—*Concluded*

No. of other special teachers who are holders of certificates other than city certificates	No. of special teachers who have been granted city certificates	Are all regular teachers holders of legal certificates of qualification?	No. holding certificates granted upon examination or endorsed by the State Board of Education	No. holding Western Normal School certificates	No. holding Northern Normal School certificates	No. holding Central Normal School certificates	No. holding State Normal College certificates	No. holding certificates granted by State University under provisions of Sec. 4804 of compiled laws	No. holding college certificates granted according to Sec. 4805 of compiled laws	No. holding city certificates of first grade	No. holding city certificates of second grade	No. holding city certificates of third grade	No. holding county certificates	Portion of superintendents' time given to supervision
.....	.....	yes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	all
.....	.....	yes	.....	.....	.....	.....	20	6	4	.....	3	.....	1	all
.....	.....	yes	.....	1	.....	3	7	.....	.....	.....	.....	.....	2	1-2
.....	.....	yes	.....	.....	.....	.....	20	6	1	4	1	4	.....	all
.....	.....	yes	.....	3	.....	2	5	1	5	.....	.....	.....	1	5-6

TABLE XXII—*Concluded*

Counties	Location	Date	Receipts		Expenditures			
			County	State	Compensation of instructors and local committees	Expenses of instructors	Other expenses	Total
Kent	Grand Rapids	March 18	$12 00		$10 00		$2 00	$12 00
Kent	Grand Rapids	May 2	60 00		50 00		10 00	60 00
Kent	Kalamazoo	June 26-Aug. 4	34 62		18 00		16 62	34 62
Kent	Grand Rapids	Oct. 19	75 00		75 00			75 00
Kent	Grand Rapids	Oct. 21	36 00		36 00			36 00
Kent	Grand Rapids	Dec. 8	40 00		40 00			40 00
Keweenaw	Calumet	Sept. 16	60 00		60 00			60 00
Lake	Baldwin	Mar. 15-16	49 50	$54 90	101 00		3 40	104 40
Lapeer	Lapeer	Jan. 10-11	75 50	65 00	137 00		3 50	140 50
Lapeer	Ypsilanti	June 26-Aug. 4	39 32		18 00		21 82	39 82
Leelanau	Sutton's Bay	Jan. 27-28	56 48		54 00		2 48	56 48
Leelanau	Leland	Nov. 9-10	53 02	35 98	86 00		3 00	89 00
Lenawee	Adrian	Jan. 31-Feb. 1	140 75		132 00		8 75	140 75
Lenawee	Ypsilanti	June 26-Aug. 4	32 58		18 00		14 58	32 58
Livingston	Howell	Jan. 13-14	64 08	86 68	144 00		6 76	150 76
Livingston	Ypsilanti	June 26-Aug. 4	19 94		9 00		10 94	19 94
Livingston	traveling	Aug. 11-15	71 80		60 00		11 80	71 80
Luce	Newberry	March 2-3	30 50	64 61	92 00		3 11	95 11
Luce	Newberry	Dec. 6-8	38 00	37 50	68 00		7 50	75 50
Mackinac	St. Ignace	March 2-3	54 00	8 00	52 00		10 00	62 00
Mackinac	Marquette	June 26-Aug. 4	27 08		18 00		9 08	27 08
Macomb	Mt. Clemens	Feb. 11	61 62		56 00		5 62	61 62
Macomb	Ypsilanti	June 26-Aug. 4	34 80		18 00		16 80	34 80
Manistee	Bear Lake	Jan. 28-29		35 00	35 00			35 00
Manistee	Manistee	Jan. 31-Feb. 1	87 50	31 81	117 00		2 31	119 31
Manistee	Mt. Pleasant	June 26-Aug. 4	26 98		18 00		8 98	26 98
Marquette	Marquette	June 26-Aug. 4	27 95		18 00		9 95	27 95
Marquette	Marquette	June 29		61 50	61 50			61 50
Mason	Ludington	Feb. 2	43 50	33 50	72 00		5 00	77 00
Mecosta	Big Rapids	Jan. 17-18	91 00		82 00		9 00	91 00
Mecosta	Big Rapids	Nov. 24-25	15 45		2 00		13 45	15 45
Menominee	Menominee	Jan. 13	71 00		71 00			71 00
Menominee	Marquette	June 26-Aug. 4	35 20		15 00		20 20	35 20
Menominee	Menominee	Oct. 11-13		100 00	100 00			100 00
Midland	Midland	Feb. 9-10	60 81	55 34	102 00		14 15	116 15
Midland	Mt. Pleasant	June 26-Aug. 4	36 82		18 00		18 82	36 82
Missaukee	Lake City	Dec. 6-8	65 00		63 00		2 00	65 00
Monroe	Monroe	Feb. 3-4	115 07		107 00		8 07	115 07
Monroe	Ypsilanti	June 26-Aug. 4	38 03		18 00		20 03	38 03

Emmet	2 days	H. S. Babcock	S. B. Laird	S. B. Laird	E. B. Bryan	C. E. Holmes.
Genesee	1 day	John L. Reigle	D. B. Waldo	D. B. Waldo	Guy Potter Benton.	
Genesee	1 day	John L. Reigle	Fannie L. Ballou	Fannie L. Ballou.		
Genesee	1 day	John L. Reigle	C. O. Hoyt	C. O. Hoyt.		
Genesee	1 day	John L. Reigle	C. S. Larzelere	C. S. Larzelere.		
Genesee	1 day	John L. Reigle	Katherine Mulry	Katherine Mulry.		
Genesee	1 day	John L. Reigle	W. H. French	W. H. French.		
Genesee	30 days	John L. Reigle	C. T. Grawn.			
Gladwin	2 days	C. J. Barnum	G. L. Jenner	G. L. Jenner	L. C. Karpinski.	
Gladwin	30 days	C. J. Barnum	C. T. Grawn.			
Gogebic	2 days	Laura Bowden	E. T. Duffield	T. W. Nadal	R. B. Teitrick	Sidney Harring. James H. Kaye.
Grand Traverse	2 days	Lee Hornsby	L. L. Tyler	L. L. Tyler	L. D. Coffman	I. A. Beddow.
Gratiot	2 days	H. A. Potter	H. R. Pattengill	H. R. Pattengill	Anne Wiggins	Mae E. Schreiber.
Gratiot	1 day	H. A. Potter	C. T. Grawn	C. T. Grawn.		
Gratiot	30 days	H. A. Potter	C. T. Grawn.			
Hillsdale	2 days	Harry McClave	S. J. Gier	S. J. Gier	Mae E. Schreiber	H. W. Shryock.
Hillsdale	30 days	Harry McClave	D. B. Waldo.			
Hillsdale	2 days	Harry McClave	Harry McClave	C. S. Larzelere	Ella Smith.	
Houghton	30 days	Wm. Bath	James H. Kaye.			
Houghton	1 day	H. S. Winter. Wm. Bath	Edw. J. Hall	O. T. Corson	W. H. Cheever.	
Huron	2 days	W. H. Sparling	H. R. Pattengill	H. R. Pattengill	W. N. Ferris	Myron A. Cobb. N. S. Bradley. Margaret E. Wise.
Huron	1 day	W. H. Sparling	W. H. Sparling	Margaret E. Wise.		
Ingham	1 day	F. E. Searl	W. H. French	W. H. French	Earl Barnes.	
Ingham	30 days	F. E. Searl	Chas. McKenny.			
Ingham	3 days	F. E. Searl	F. E. Searl	Estelle Downing.		
Ionia	2 days	Harvey H. Lowrey	H. R. Pattengill	H. R. Pattengill	I. A. Beddow	Earl Barnes.
Ionia	1 day	Harvey H. Lowrey	Harvey H. Lowrey	Lucy A. Sloan.		
Iosco	2 days	J. A. Campbell	C. S. Larzelere	C. S. Larzelere	Ella Smith.	
Iron	1 day	John F. Mason	T. W. Nadal	T. W. Nadal	R. B. Teitrick.	
Isabella	2 days	E. T. Cameron	C. O. Davis	C. O. Davis	Mae E. Schreiber.	
Isabella	30 days	E. T. Cameron	C. T. Grawn.			
Jackson	5 days	W. W. McLain	C. A. Rinehart	C. A. Rinehart.		
Jackson	1 day	W. W. McLain	E. O. Marsh	Mae E. Schreiber	H. W. Shryock.	
Jackson	1 day	W. W. McLain	E. O. Marsh	Chas. McKenny	C. O. Davis.	
Jackson	1 day	W. W. McLain	H. R. Pattengill	H. R. Pattengill	M. A. Cobb.	
Jackson	30 days	W. W. McLain	Chas. McKenny.			
Kalamazoo	2 days	Sheridan Mapes	D. B. Waldo	D. B. Waldo	James R. Angell	Guy Potter Benton.
Kalamazoo	30 days	Sheridan Mapes	D. B. Waldo.			
Kalkaska	2 days	Irene Louise Getty	Irene Louise Getty	John C. Ketcham.		
Kent	1 day	A. M. Freeland	W. A. Greeson	Helen R. Hildreth.		
Kent	10 days	A. M. Freeland	A. M. Freeland	Paul Stetson	Ernest Burnham	I. B. Gilbert.
Kent	1 day	A. M. Freeland	Chas. McKenny	Chas. McKenny	O. T. Corson.	
Kent	1 day	A. M. Freeland	W. A. Greeson	Edith Blackman.		
Kent	4 days	A. M. Freeland	W. A. Greeson	Rudolf Pintner.		
Kent	1 day	A. M. Freeland	W. A. Greeson	J. H. Francis.		
Kent	1 day	A. M. Freeland	W. A. Greeson	E. A. Steiner.		
Kent	1 day	A. M. Freeland	A. M. Freeland	H. H. Lowrey.		
Kent	1 day	Elizabeth A. Philbrick	W. A. Greeson	James P. Haney.		
Kent	30 days	A. M. Freeland	D. B. Waldo.			
Kent	1 day	A. M. Freeland	Ernest Burnham	Ernest Burnham	Susie M. Ellett.	

TABLE XXIII

Local committees, conductors and instructors at teachers' institutes for the calendar year 1916

Counties	Term	Local committee	Conductors	Instructors	Instructors	Instructors
Alcona	3 days	Thos. B. Cook	C. S. Larselere	Isabelle Becker.		
Alger	2 days	E. H. Sortore	E. C. Hartwell	E. C. Hartwell	S. S. Stockwell.	
Allegan	2 days	C. L. Goodrich	W. D. Henderson	W. D. Henderson	C. O. Hoyt	O. T. Corson.
Allegan	30 days	C. L. Goodrich	D. B. Waldo.			
Alpena	1 day	E. L. Little	C. O. Davis	C. O. Davis	Ella Smith	E. B. Bryan.
Antrim	2 days	A. C. Belding	C. T. Grawn	C. T. Grawn	Anne Wiggins	E. B. Bryan.
Arenac	2 days	Geo. H. Clasure	W. H. Pearce	W. H. Pearce	Isabelle Becker.	
Arenac	2 days	Geo. H. Clasure	A. N. Cody	A. N. Cody	Lucy Sloan.	
Baraga	2 days	S. O. Clinton	F. A. Jeffers	F. A. Jeffers	Ella Smith.	
Baraga	2 days	S. O. Clinton	S. S. Stockwell	S. S. Stockwell	Sidney Harring.	
Barry	5 days	E. J. Edger	E. J. Edger	H. R. Pattengill.		
Barry	2 days	E. J. Edger	Robt. M. Reinhold	Robt. M. Reinhold	C. S. Larselere	Earl Barnes.
Barry	30 days	E. J. Edger	D. B. Waldo.			
Bay	1 day	J. B. Laing	F. A. Gause	F. A. Gause	Chas. McKenny.	
Bay	30 days	J. B. Laing	C. T. Grawn.			
Benzie	2 days	A. H. Upton	I. B. Gilbert	I. B. Gilbert	M. L. Billings.	
Benzie	30 days	A. H. Upton	C. T. Grawn.			
Berrien	2 days	Emma Hinkley Cole	M. B. Travis	Geo. L. Scherger	H. G. Proctor	Lois B. Wilson. Jessie L. Newlin. F. H. Green.
Berrien	30 days	Emma Hinkley Cole	D. B. Waldo.			
Branch	2 days	F. E. Robinson	T. E. Johnson	H. W. Shryock	Mae E. Schreiber	Dessalee Ryan.
Branch	1 day	F. E. Robinson	F. E. Ellsworth	F. E. Ellsworth	Lois B. Wilson.	
Calhoun	5 days	Deland A. Davis	H. R. Pattengill	H. R. Pattengill.		
Calhoun	2 days	Deland A. Davis	C. O. Davis	C. O. Davis	Guy Potter Benton	Harlan H. Barrows.
Calhoun	30 days	Deland A. Davis	D. B. Waldo.			
Cass	2 days	Ruth H. Mosier	Ernest Burnham	Ernest Burnham	F. H. Green.	
Cass	30 days	Ruth H. Mosier	D. B. Waldo.			
Charlevoix	2 days	May L. Stewart	James H. Kaye	James H. Kaye	L. L. Tyler	E. B. Bryan.
Charlevoix	30 days	May L. Stewart	C. T. Grawn.			
Cheboygan	2 days	Jay Chamberlain	W. H. French	W. H. French	E. B. Bryan	I. A. Beddow.
Chippewa	2 days	T. R. Easterday	E. C. Hartwell	E. C. Warriner	Doris Chisholm	Eulie G. Rushmore.
Clare	2 days	Asa H. Aldrich	L. L. Tyler	L. L. Tyler	Andrew Thomas Smith.	
Clare	30 days	Asa H. Aldrich	C. T. Grawn.			
Clinton	2 days	Theo. H. Townsend	D. B. Waldo	D. B. Waldo	Ernest Burnham	Earl Barnes.
Clinton	30 days	Theo. H. Townsend	C. T. Grawn.			
Crawford	2 days	Jas. A. Kalahar	H. C. Lott	H. C. Lott	Myron A. Cobb.	
Crawford	2 days	Jas. A. Kalahar	I. A. Beddow	I. A. Beddow	Ella Smith.	
Delta	2 days	C. U. Woolpert	F. E. King	F. E. King	E. G. Rushmore	T. W. Nadal. R. B. Teitrick.
Delta	30 days	C. U. Woolpert	Jas. H. Kaye.			
Dickinson	2 days	Donald O'Hara	L. A. Butler	L. A. Butler	R. B. Teitrick	Fred Jeffers. T. W. Nadal.
Dickinson	30 days	Donald O'Hara	James H. Kaye.			
Eaton	2 days	Cynthia A. Green	W. H. French	W. H. French	Ernest Burnham	Guy Potter Benton.

Emmet	2 days	H. S. Babcock	S. B. Laird	S. B. Laird	E. B. Bryan	C. E. Holmes.
Genesee	1 day	John L. Reigle	D. B. Waldo	D. B. Waldo	Guy Potter Benton.	
Genesee	1 day	John L. Reigle	Fannie L. Ballou	Fannie L. Ballou.		
Genesee	1 day	John L. Reigle	C. O. Hoyt	C. O. Hoyt.		
Genesee	1 day	John L. Reigle	C. S. Larzelere	C. S. Larzelere.		
Genesee	1 day	John L. Reigle	Katherine Mulry	Katherine Mulry.		
Genesee	1 day	John L. Reigle	W. H. French	W. H. French.		
Genesee	30 days	John L. Reigle	C. T. Grawn.			
Gladwin	2 days	C. J. Barnum	G. L. Jenner	G. L. Jenner	L. C. Karpinski.	
Gladwin	30 days	C. J. Barnum	C. T. Grawn.			
Gogebic	2 days	Laura Bowden	E. T. Duffield	T. W. Nadal	R. B. Teitrick	Sidney Harring. James H. Kaye.
Grand Traverse	2 days	Lee Hornsby	L. L. Tyler	L. L. Tyler	L. D. Coffman	I. A. Beddow.
Gratiot	2 days	H. A. Potter	H. R. Pattengill	H. R. Pattengill	Anne Wiggins	Mae E. Schreiber.
Gratiot	1 day	H. A. Potter	C. T. Grawn	C. T. Grawn.		
Gratiot	30 days	H. A. Potter	C. T. Grawn.			
Hillsdale	2 days	Harry McClave	S. J. Gier	S. J. Gier	Mae E. Schreiber	H. W. Shryock.
Hillsdale	30 days	Harry McClave	D. B. Waldo.			
Hillsdale	2 days	Harry McClave	Harry McClave	C. S. Larzelere	Ella Smith.	
Houghton	30 days	Wm. Bath	James H. Kaye.			
Houghton	1 day	H. S. Winter. Wm. Bath	Edw. J. Hall	O. T. Corson	W. H. Cheever.	
Huron	2 days	W. H. Sparling	H. R. Pattengill	H. R. Pattengill	W. N. Ferris	Myron A. Cobb. N. S. Bradley. Margaret E. Wise.
Huron	1 day	W. H. Sparling	W. H. Sparling	Margaret E. Wise.		
Ingham	1 day	F. E. Searl	W. H. French	W. H. French	Earl Barnes.	
Ingham	30 days	F. E. Searl	Chas. McKenny.			
Ingham	3 days	F. E. Searl	F. E. Searl	Estelle Downing.		
Ionia	2 days	Harvey H. Lowrey	H. R. Pattengill	H. R. Pattengill	I. A. Beddow	Earl Barnes.
Ionia	1 day	Harvey H. Lowrey	Harvey H. Lowrey	Lucy A. Sloan.		
Iosco	2 days	J. A. Campbell	C. S. Larzelere	C. S. Larzelere	Ella Smith.	
Iron	1 day	John F. Mason	T. W. Nadal	T. W. Nadal	R. B. Teitrick.	
Isabella	2 days	E. T. Cameron	C. O. Davis	C. O. Davis	Mae E. Schreiber.	
Isabella	30 days	E. T. Cameron	C. T. Grawn.			
Jackson	5 days	W. W. McLain	C. A. Rinehart	C. A. Rinehart.		
Jackson	1 day	W. W. McLain	E. O. Marsh	Mae E. Schreiber	H. W. Shryock.	
Jackson	1 day	W. W. McLain	E. O. Marsh	Chas. McKenny	C. O. Davis.	
Jackson	1 day	W. W. McLain	H. R. Pattengill	H. R. Pattengill	M. A. Cobb.	
Jackson	30 days	W. W. McLain	Chas. McKenny.			
Kalamazoo	2 days	Sheridan Mapes	D. B. Waldo	D. B. Waldo	James R. Angell	Guy Potter Benton.
Kalamazoo	30 days	Sheridan Mapes	D. B. Waldo.			
Kalkaska	2 days	Irene Louise Getty	Irene Louise Getty	John C. Ketcham.		
Kent	1 day	A. M. Freeland	W. A. Greeson	Helen R. Hildreth.		
Kent	10 days	A. M. Freeland	A. M. Freeland	Paul Stetson	Ernest Burnham	I. B. Gilbert.
Kent	1 day	A. M. Freeland	Chas. McKenny	Chas. McKenny	O. T. Corson.	
Kent	1 day	A. M. Freeland	W. A. Greeson	Edith Blackman.		
Kent	4 days	A. M. Freeland	W. A. Greeson	Rudolf Pintner.		
Kent	1 day	A. M. Freeland	W. A. Greeson	J. H. Francis.		
Kent	1 day	A. M. Freeland	W. A. Greeson	E. A. Steiner.		
Kent	1 day	A. M. Freeland	A. M. Freeland	H. H. Lowrey.		
Kent	1 day	Elizabeth A. Philbrick	W. A. Greeson	James P. Haney.		
Kent	30 days	A. M. Freeland	D. B. Waldo.			
Kent	1 day	A. M. Freeland	Ernest Burnham	Ernest Burnham	Susie M. Ellett.	

TABLE XXIII—*Concluded*

Counties	Term	Local committees	Conductors	Instructors	Instructors	Instructors
Kent	1 day	A. M. Freeland	W. A. Greeson	A. S. Isaacs.		
Kent	1 day	A. M. Freeland	W. A. Greeson	Patty S. Hill.		
Keweenaw	1 day	Wm. Bath. H. S. Winter	Edw. J. Hall	W. H. Cheever	O. T. Corson.	
Lake	3 days	Edwin G. Johnson	L. L. Tyler	L. L. Tyler	Kate Kelly.	
Lapeer	2 days	C. H. Naylor	C. H. Naylor	Edwin L. Miller	Margaret Wise	Earl Barnes.
Lapeer	30 days	C. H. Naylor	Chas. McKenny.			
Leelanau	2 days	Harry R. Dumbrille	H. Z. Wilber	H. Z. Wilber	Ella Smith.	
Leelanau	2 days	Harry R. Dumbrille	L. L. Tyler	Anne C. Wiggins	L. L. Tyler.	
Lenawee	2 days	Geo. J. Tripp	Delos Fall	Delos Fall	Margaret Wise	Mae E. Schreiber. H. W. Shryock.
Lenawee	30 days	Geo. J. Tripp	Chas. McKenny.			
Livingston	2 days	H. G. Aldrich	C. O. Hoyt	C. O. Hoyt	Lois Wilson	Earl Barnes.
Livingston	30 days	H. G. Aldrich	Chas. McKenny.			
Livingston	5 days	H. G. Aldrich	H. R. Pattengill	H. R. Pattengill.		
Luce	2 days	Anna Auten	L. A. Butler	L. A. Butler	Doris Chisholm.	
Luce	3 days	Anna Auten	S. B. Laird	S. B. Laird	Ella Smith.	
Mackinac	2 days	E. J. Lachance	Delos Fall	Delos Fall	Isabelle Becker.	
Mackinac	30 days	James E. Quinlan	James H. Kaye.			
Macomb	1 day	W. L. Lee	Chas. McKenny	Chas. McKenny	Mae E. Shreiber.	
Macomb	30 days	W. L. Lee	Chas. McKenny.			
Manistee	2 days	E. M. Gerred	L. L. Tyler	L. L. Tyler.		
Manistee	2 days	E. M. Gerred	H. R. Pattengill	H. R. Pattengill	L. H. Van den Berg	L. D. Coffman.
Manistee	30 days	E. M. Gerred	C. T. Grawn.			
Marquette	30 days	Simon R. Anderson	James H. Kaye.			
Marquette	1 day	Simon R. Anderson	James H. Kaye	A. G. Proctor.		
Mason	1 day	C. A. Rinehart	Chas. McKenny	Chas. McKenny	L. D. Coffman.	
Mecosta	2 days	B. J. Ford	C. M. Elliott	C. M. Elliott	O. T. Corson	Bessie Huntoon.
Mecosta	2 days	B. J. Ford	B. J. Ford.			
Menominee	1 day	Jesse Hubbard	T. W. Nadal.			
Menominee	30 days	Jesse Hubbard	James H. Kaye.			
Menominee	3 days		F. E. King pres. U. P. E. A			
Midland	2 days	Byron G. Scollay	C. E. Holmes	C. E. Holmes	C. S. Larselere	Mae E. Schreiber.
Midland	30 days	Byron G. Scollay	C. T. Grawn.			
Missaukee	3 days	John Q. Zuck	F. A. Jensen	F. A. Jensen	G. N. Otwell	I. A. Beddow.
Monroe	2 days	J. G. Schafer	E. E. Gallup	E. E. Gallup	H. W. Shryock	Mae E. Schreiber. W. H. Pearce.
Monroe	30 days	J. G. Schafer	Chas. McKenny.			
Monroe	1 day	J. G. Schafer	C. O. Hoyt	C. O. Hoyt.		
Monroe	1 day	J. G. Schafer	Ernest Burnham	Ernest Burnham.		
Montcalm	1 day	Eugene Straight	W. N. Ferris	W. N. Ferris	O. T. Corson.	
Montcalm	30 days	Eugene Straight	C. T. Grawn.			
Montmorency	3 days	D. W. Farrier	W. H. Pearce	W. H. Pearce	Isabelle Becker.	
Muskegon	1 day	Nellie B. Chisholm	T. Paul Hickey	T. Paul Hickey	Earl Barnes.	
Newaygo	2 days	Carrie Carter	R. M. Reinhold	R. M. Reinhold	A. N. Cody.	
Newaygo	30 days	Carrie Carter	D. B. Waldo.			
Oakland	1 day	A. L. Craft	G. L. Jenner	Harold Jarvis	W. N. Ferris	Earl Barnes.

Oakland	30 days	A. L. Craft	Chas. McKenny.			
Oceana	3 days	Emma R. Hutchins	H. R. Pattengill	H. R. Pattengill	T. W. Nadal.	
Oceana	30 days	Emma R. Hutchins	D. B. Waldo.			
Ogemaw	2 days	Josephine Woods	C. E. Holmes	C. E. Holmes	Carl E. Pray.	
Ontonagon	2 days	A. C. Adair	S. S. Stockwell	S. S. Stockwell	Ella Smith.	
Ontonagon	2 days	A. C. Adair	James K. Jamison	James K. Jamison	Cora Jeffers.	
Osceola	2 days	Geo. F. Roxburgh	E. C. Warriner	E. C. Warriner	Lucy A. Sloan	L. D. Coffman.
Osceola	30 days	Geo. F. Roxburgh	C. T. Grawn.			
Oscoda	3 days	John H. Speck	T. E. Johnson	T. E. Johnson	Ella Smith.	
Otsego	2 days	Ray F. Jennings	D. H. Roberts.			
Otsego	2 days	Ray F. Jennings	D. H. Roberts	D. H. Roberts	I. A. Beddow.	
Ottawa	2 days	Nelson R. Stanton	D. H. Roberts	D. H. Roberts	F. H. Green.	
Ottawa	30 days	Nelson R. Stanton	D. B. Waldo.			
Presque Isle	2 days	Martha A. Caldwell	E. C. Warriner	E. C. Warriner	L. H. Van den Berg.	
Presque Isle	2 days	Martha A. Caldwell	Chas. McKenny	Chas. McKenny	W. H. French.	
Roscommon	4 days	W. M. Coon	M. L. Billings	M. L. Billings	Anne C. Wiggins.	
Saginaw	1 day	B. S. Tefft	E. C. Warriner	E. C. Warriner	W. N. Ferris	T. W. Nadal.
Saginaw	30 days	B. S. Tefft	C. T. Grawn.			
St. Clair	1 day	E. T. Blackney	H. R. Pattengill	H. R. Pattengill	Guy Potter Benton.	
St. Clair	30 days	E. T. Blackney	Chas. McKenny.			
St. Joseph	1 day	L. E. Miller	W. J. McKone	W. J. McKone	F. H. Green.	
St. Joseph	30 days	L. E. Miller	D. B. Waldo.			
Sanilac	2 days	W. J. Musselman	C. T. Grawn	C. T. Grawn	Margaret E. Wise	Arthur H. Harrop.
Sanilac	2 days	W. J. Musselman	H. R. Pattengill	H. R. Pattengill.		
Schoolcraft	2 days	W. T. S. Cornell	E. C. Hartwell	E. C. Hartwell	James H. Kaye.	
Schoolcraft	30 days	W. T. S. Cornell	James H. Kaye.			
Shiawassee	1 day	H. E. Slocum	C. O. Hoyt	C. O. Hoyt	Earl Barnes.	
Shiawassee	30 days	H. E. Slocum	Chas. McKenny.			
Tuscola	2 days	B. H. McComb	I. A. Beddow	I. A. Beddow	Carl E. Pray	Mae E. Schreiber.
Tuscola	30 days	B. H. McComb	C. T. Grawn.			
Van Buren	2 days	E. V. Root	G. Masselink	G. Masselink	O. T. Corson.	
Van Buren	3 days	E. V. Root	E. C. Warriner	E. C. Warriner.		
Washtenaw	2 days	Evan Essery	Evan Essery	Earl Barnes	W. N. Ferris.	
Washtenaw	6 days	Evan Essery	Evan Essery	W. H. Pearce	R. Clyde Ford D. H. Roberts	N. A. Harvey. H. C. Lott.
Washtenaw	4 days	Evan Essery	A. S. Whitney	George D. Strayer.		
Washtenaw	30 days	Evan Essery	Chas. McKenny.			
Washtenaw	3 days	Evan Essery	Evan Essery	W. H. Pearce	F. B. McKay	H. C. Lott. N. A. Harvey.
Wayne	9 days	E. W. Yost	H. R. Pattengill	H. R. Pattengill.		
Wayne	4 days	E. W. Yost	Frank Cody	Peter Roberts	H. H. Wheaton.	
Wayne	30 days	F. C. Fisher	Chas. McKenny.			
Wayne	3 days	E. W. Yost	C. E. Chadsey	Walter Cornell	F. B. Pearson J. Paul Goode	H. R. Pattengill. Chas. McKenny. W. D. Henderson.
Wexford	2 days	Roy Noteware	S. B. Laird	S. B. Laird	L. D. Coffman.	
Wexford	30 days	Roy Noteware	C. T. Grawn.			

TABLE XXIV

County boards of school examiners, 1915-1916

County	Name	Address	Occupation
Alcona	Thomas B. Cook	Harrisville	Commissioner.
	George R. Emerick	Harrisville	Teacher.
	Milo N. Johnson	Harrisville	Teacher.
Alger	E. H. Sortore	Munising	Commissioner.
	G. L. Moore	Munising	Insurance agent.
	E. L. Abell	Munising	Teacher.
Allegan	C. L. Goodrich	Allegan	Commissioner.
	H. L. Reynolds	Fennville	Merchant.
	G. V. Fales	Wayland	Supt. of schools.
Alpena	E. L. Little	Alpena	Clergyman.
	Margaret A. Mulvena	Defoe	Teacher.
	T. B. Johnston	Kalamazoo	Teacher.
Antrim	Archie C. Belding	Bellaire	Commissioner.
	John Severence	East Jordan	Farmer.
	Jay W. Thumm	Elmira	Farmer.
Arenac	No report.		
Baraga	S. O. Clinton	Baraga	Teacher.
	Kate Curry	L'Anse	Teacher.
	Katherine M. Sterk	L'Anse	Teacher.
Barry	E. J. Edger	Hastings	Teacher.
	Mrs. Luella Newton	Delton	Farmer's wife.
	Vern R. Johnson	Nashville	Teacher.
Bay	John B. Laing	Bay City	Teacher.
	A. W. Koon	Bay City, R. 5	Teacher.
	Cecil Hughes	Essexville	Teacher.
Benzie	A. H. Upton	Frankfort	Commissioner.
	L. O. Titus	Honor	Supt. of schools.
	William Menold	Nessen City	Teacher.
Berrien	Mrs. Emma H. Cole	St. Joseph	Commissioner.
	C. E. Phillips	Galien	Supt. of schools.
	M. B. Travis	Niles	Supt. of schools.
Branch	L. L. Livermore	Coldwater	Commissioner.
	Marvin Hall	Coldwater, R. 7	Teacher.
	Mrs. Eunice Morrison	Coldwater	Teacher.
Calhoun	D. A. Davis	Marshall	Commissioner.
	H. W. Baker	Marshall	Principal of schools.
	O. G. Potter	Tekonsha	Principal of schools.
Cass	Ruth H. Mosier	Dowagiac	Commissioner.
	John Finley	Dowagiac	Teacher.
	Edmund Schoetsow	Marcellus	Supt. of schools.
Charlevoix	May L. Stewart	East Jordan	Commissioner.
	Elizabeth Wetmore	Boyne City	Teacher.
	H. A. Craig	Charlevoix	Supt. of schools.
Cheboygan	Arthur L. Martin	Cheboygan	Commissioner.
	Marie Le Gault	Cheboygan	Teacher.
	F. F. McMillan	Indian River	Principal of schools.
Chippewa	T. B. Aldrich	Sault Ste. Marie	Commissioner.
	C. H. Bryan	Sault Ste. Marie	Principal of schools.
	P. M. Schuyler	Pickford	Principal of schools.
Clare	Asa H. Aldrich	Harrison	Commissioner.
	Daniel E. Hoover	Harrison	Teacher.
	C. H. Jones	Clare	Teacher.
Clinton	Theo. H. Townsend	St. Johns	Commissioner.
	J. B. Stone	Eagle	Teacher.
	Ella M. Eaton	St. Johns	Teacher.
Crawford	James A. Kalahar	Frederic	Commissioner.
	A. A. Ellsworth	Grayling	.....
	Gertrude Peterson	Grayling	.....

TABLE XXIV—*Continued*

County	Name	Address	Occupation
Delta	C. U. Woolpert	Escanaba	Commissioner.
	James A. Kenny	Schaffer	Teacher.
	James H. McDonald	Rapid River	Teacher.
Dickinson	Donald O'Hara	Iron Mountain	Commissioner.
	L. A. Butler	Iron Mountain	Supt. of schools.
	C. J. Borshardt	Norway	Supt. of schools.
Eaton	Cynthia A. Green	Charlotte	Commissioner.
	E. E. Crampton	Eaton Rapids	Teacher.
	H. I. Bronson	Dimondale	Teacher.
Emmet	H. S. Babcock	Harbor Springs	Commissioner.
	J. W. Kelder	Petoskey	Teacher.
	A. J. Hitchcock	Pellston	Teacher.
Genesee	J. L. Riegle	Flint	Commissioner.
	John S. Robinson	Otisville	Farmer.
	Elburt Coffey	Flushing	Teacher.
Gladwin	C. J. Barnum	Gladwin	Commissioner.
	Edmund C. Burke	Gladwin	Bank clerk.
	Grace R. Brooks	Beaverton	Teacher.
Gogebic	Laura Bowden	Ironwood	Commissioner.
	J. F. Reed	Wakefield	Supt. of schools.
	C. R. Cobb	Bessemer	Supt. of schools.
Grand Traverse	Lee Hornsby	Traverse City	Commissioner.
	Edith M. Gibbs	Traverse City	Teacher.
	S. M. Perry	Williamsburg	Teacher.
Gratiot	H. A. Potter	Ithaca	Commissioner.
	J. V. Gibson	Perrinton	Teacher.
	B. R. Eggeman	Ithaca	Teacher.
Hillsdale	Harry McClave	Hillsdale	Commissioner.
	John Payne	Hillsdale	Teacher.
	Wm. Warfield	Pittsford	Teacher.
Houghton	William Bath	Houghton	Commissioner.
	E. A. Peterman	Calumet	Lawyer.
	F. A. Jeffers	Painesdale	Supt. of schools.
Huron	William H. Sparling	Bad Axe	Commissioner.
	B. M. Hamill	Pigeon	Supt. of schools.
	P. N. Sawyer	Bad Axe	Supt. of schools.
Ingham	F. E. Searl	Mason	Commissioner.
	S. E. Field	Williamston	Teacher.
	W. H. Gildart	Onondaga	Teacher.
Ionia	Harvey H. Lowrey	Ionia	Commissioner.
	J. Calvin Linebaugh	Orleans	Teacher.
	George H. Steadman	Lyons	Teacher.
Iosco	J. A. Campbell	Tawas City	Commissioner.
	John J. Goudy	Oscoda	Teacher.
	R. D. Brown	Hale	Merchant.
Iron	John Mason	Crystal Falls	Commissioner.
	H. M. Armstrong	Stambaugh	Teacher.
	W. D. Hill	Crystal Falls	Teacher.
Isabella	Frank E. Morrison	Mt. Pleasant	Commissioner.
	Dean Johnston	Rosebush	Teacher.
	Xavier Gaudard	Mt. Pleasant	Teacher.
Jackson	W. W. McLain	Jackson	Commissioner.
	A. W. Dorr	Grass Lake	Teacher.
	C. A. North	Springport	Teacher.
Kalamazoo	Sheridan Mapes	Kalamazoo	Commissioner.
	C. R. Hanes	Schoolcraft	Teacher.
	Chas. H. Jackson	Galesburg	Teacher.
Kalkaska	Irene Louise Getty	Kalkaska	Commissioner.
	J. T. Northon	Kalkaska	Teacher.
	C. A. Simpson	Rapid City	Teacher.

TABLE XXIV—*Continued*

County	Name	Address	Occupation
Kent	A. M. Freeland	Grand Rapids	Commissioner.
	Robt. A. Compton	Grand Rapids	Teacher.
	C. Kent Jakeway	Rockford	Teacher.
Keweenaw	H. S. Winter	Mohawk	Commissioner.
	F. M. Bradshaw	Gay	Teacher.
	Clarence Chrysler	Phoenix	Teacher.
Lake	Edwin G. Johnson	Luther	Commissioner.
	Osea Kahl	Luther	Teacher.
	O. L. Dreys	Baldwin	Teacher.
Lapeer	C. H. Naylor	Lapeer	Commissioner.
	R. V. Langdon	North Branch	Lawyer.
	Wm. O'Connor, Jr.	Almont	Teacher.
Leelanau	Harry R. Dumbrille	Glen Arbor	Commissioner.
	Dayton Selby	Glen Arbor	Teacher.
	Maret Garthe	Sutton's Bay	Teacher.
Lenawee	George J. Tripp	Adrian	Commissioner.
	Chas. L. Poor	Hudson	Teacher.
	W. B. Clark	Blissfield	Teacher.
Livingston	Hugh G. Aldrich	Fowlerville	Commissioner.
	A. N. Rice	Hartland	Teacher.
	J. L. Cook	Oak Grove	Teacher.
Luce	Anna Auten	Newberry	Commissioner.
	Ray Brown	Newberry	Teacher.
	Mrs. E. M. Chamberlain	Newberry	Housewife.
Mackinac	E. J. Lachance	St. Ignace	Commissioner.
	A. E. Cross	Ann Arbor	Teacher.
	J. E. Quinlan	St. Ignace	Teacher.
Macomb	W. L. Lee	Mt. Clemens	Commissioner.
	A. S. Hudson	Mt. Clemens	Supt. of schools.
	W. H. Hart	Armada	Supt. of schools.
Manistee	Elbert M. Gerred	Manistee	Commissioner.
	Julia Jaitner	Manistee	Teacher.
	Josephine A. Reynolds	Manistee	Teacher.
Marquette	S. R. Anderson	Marquette	Commissioner.
	J. H. Kaye	Marquette	President N. S. N.
	F. S. Monical	Champion	Supt. of schools.
Mason	C. A. Rinehart	Scottville	Commissioner.
	George Griswold	Custer, R. 2	Farmer.
	Nettie Squires	Scottville	Teacher.
Mecosta	B. J. Ford	Big Rapids	Commissioner.
	LeRoy Bell	Paris	Teacher.
	C. G. Card	Barryton	Teacher.
Menominee	Jesse Hubbard	Menominee	Commissioner.
	Catherine Sawyer	Menominee	Teacher.
	E. E. Allen	Hermansville	Bookkeeper.
Midland	Byron G. Scollay	Midland	Commissioner.
	Agnes Menerey	Coleman	Teacher.
	Arthur J. Ayling	Sanford	Teacher.
Missaukee	John Q. Zuck	Lake City	Commissioner.
	T. W. Flintoff	McBain	Teacher.
	O. A. Webster	Jennings	Teacher.
Monroe	John G. Schafer	Monroe	Commissioner.
	M. L. Winters	Dundee	Teacher.
	C. W. Rooh	Temperance	Teacher.
Montcalm	Eugene Straight	Stanton	Commissioner.
	E. M. Vroman	Edmore	Teacher.
	T. H. Fewlass	Lakeview	Teacher.
Montmorency	D. W. Farrier	Lewiston	Commissioner.
	L. W. Ostrander	Hillman	Teacher.
	Mrs. Grace Manier	Atlanta	Housewife.

TABLE XXIV—*Continued*

County	Name	Address	Occupation
Muskegon	Nellie B. Chisholm	Montague	Commissioner.
	James H. Cogshall	Muskegon	
	E. J. Leddick	Montague	Supt. of schools.
Newaygo	Carrie L. Carter	Fremont	Commissioner.
	W. L. Willard	White Cloud	Teacher.
	F. N. Auble	Otia	Teacher.
Oakland	A. L. Craft	Pontiac	Commissioner.
	A. L. Nique	Pontiac	Teacher.
	James A. Willson	Royal Oak	Teacher.
Oceana	Emma R. Hutchins	Hart	Commissioner.
	J. L. Walker	Hart, R. F. D.	Farmer.
	L. R. Brink	Ann Arbor	Teacher.
Ogemaw	Josephine Woods	West Branch	Commissioner.
	Harrison Dodds	Selkirk	Teacher.
	Mrs. Mae McLaren	Rose City	Teacher.
Ontonagon	A. C. Adair	Rockland	Commissioner.
	A. E. Kilmer	Moss	Supt. of schools.
	Mrs. M. E. Lindgren	Ewen	Housewife.
Osceola	George F. Roxburgh	Reed City	Commissioner.
	Grace Witherell	Reed City	Teacher.
	Otto Heber	Hersey	Teacher.
Oscoda	John H. Speck	Fairview	Commissioner.
	E. H. Schmid	Fairview	Teacher.
	Ivor E. Berry	South Branch	Teacher.
Otsego	Ray F. Jennings	Vanderbilt	Commissioner.
	Sim J. Lewis	Johannesburg	Bookkeeper.
	M. R. Keyworth	Gaylord	Teacher.
Ottawa	Nelson R. Stanton	Holland	Commissioner.
	Egbert Winter	Shelby	Teacher.
	Wm. Zonnebelt	Zeeland	Teacher.
Presque Isle	Martha A. Caldwell	Onaway	Commissioner.
	H. H. Gilpin	Rogers	Teacher.
	Otto Grambau	Rogers	Bookkeeper.
Roscommon	W. M. Coon	Roscommon	Commissioner.
	Ray Knapp	Houghton Lake	Teacher.
	Anna Ferry	Roscommon	Teacher.
Saginaw	Burton S. Tefft	Saginaw, W. S.	Commissioner.
	James B. Griffin	Saginaw	Teacher.
	Fred W. Frostic	St. Charles	Teacher.
St. Clair	E. T. Blackney	Port Huron	Commissioner.
	H. A. Davis	Port Huron	Teacher.
	Frank P. Snyder	Yale	Teacher.
St. Joseph	Louis E. Miller	Centerville	Commissioner.
	Geo. F. DeLong	Three Rivers	Teacher.
	Theo. Rumbaugh	Constantine	Teacher.
Sanilac	W. J. Musselman	Sandusky	Commissioner.
	W. H. Davidson	Lexington	Supt. of schools.
	Anna Mahon	Deckerville	Teacher.
Schoolcraft	W. T. S. Cornell	Manistique	Commissioner.
	C. W. Dunton	Manistique	Lawyer.
	Mary K. Mitchell	Manistique	Teacher.
Shiawassee	H. E. Slocum	Corunna	Commissioner.
	Frank Colister	Perry	Teacher.
	E. S. Kingsbury	Vernon	Teacher.
Tuscola	B. H. McComb	Caro	Commissioner.
	George R. Brown	Akron	Teacher.
	J. K. Osgerby	Vassar	Teacher.
Van Buren	E. V. Root	Paw Paw	Commissioner.
	H. A. Wood	Gobleville	Supt. of schools.
	H. E. Hough	Hartford	Teacher.

TABLE XXIV—*Concluded*

County	Name	Address	Occupation
Washtenaw	Evan Essery	Ann Arbor	Commissioner.
	Josephine Hoope	Ann Arbor, R. 1	Teacher.
	Cora Haas	Ann Arbor, R. 1	Teacher.
Wayne	E. W. Yost	Detroit, 218 County Bldg	Commissioner.
	Fred C. Fischer	Belleville	.....
	Thos. J. Gunn	Detroit	Teacher.
Wexford	Roy Noteware	Cadillac	Commissioner.
	O. L. Poulson	Mesick	Teacher.
	Louise Laursen	Cadillac, R. 2	Teacher.

TABLE XXV

General statistics of educational institutions from reports of officers for the academic year 1915-1916

Name of institution	Location	Name of president, superintendent or principal	Date of organization	Number of instructors	Number of students or inmates during the year	Number of students from Michigan	Number of graduates at last commencement	Whole number of graduates since founded	Number of volumes in library	Number of volumes added to library during the year
ESTABLISHED BY ACTS OF LEGISLATURE.										
Educational:										
Central Michigan Normal School	Mt. Pleasant	Charles T. Grawn	1895	47	1,184	1,184	284	3,299	20,160	2,081
Michigan Agricultural College	East Lansing	Frank S. Kedzie	1857	168	1,717	1,318	249	2,684	42,459	2,874
Michigan College of Mines	Houghton	Fred W. McNair	1885	23	112	79	35	790	27,168	457
Michigan State Normal College	Ypsilanti	Charles McKenny	1852	98	3,384	2,818	847	13,092	41,000	1,000
Northern State Normal School	Marquette	James H. B. Kaye	1899	28	1,012	866	245	1,819	21,577	1,280
University of Michigan	Ann Arbor	Harry Burns Hutchins	1837	394	7,214	4,188	1,220	34,071	368,238	15,723
Western State Normal School	Kalamazoo	Dwight Bryant Waldo	1904	59	1,807	1,776	389	2,552	14,560	1,133
Totals				817	16,430	12,229	3,269	58,307	535,162	24,548
Charitable:										
Industrial Home for Girls	Adrian	Mrs. Mary C. Johnson	1879	40	561	561	160	3,046	2,080	16
Industrial School for Boys	Lansing	Joseph M. Frost	1856	20	1,227	782	.....	.....	4,000	.....
Michigan School for the Blind	Lansing	Clarence E. Holmes	.....	.....	.....	.....	.....	.....	.....	.....
Michigan School for the Deaf	Flint	Luther L. Wright	1854	38	351	340	15	2,034	4,482	70
State Public School	Coldwater	John B. Montgomery	1874	5	632	632	.....	.....	2,275	.....
Totals				103	2,771	2,315	175	5,080	12,837	86

TABLE XXV—*Concluded*

Name of institution	Location	Name of president, superintendent or principal	Date of organization	Number of instructors	Number of students or inmates during the year	Number of students from Michigan	Number of graduates at last commencement	Whole number of graduates since founded	Number of volumes in library	Number of volumes added to library during the year
INCORPORATED UNDER ACT 39 SESSION LAWS OF 1855 OR CHAPTER 218 OF COMPILED LAWS										
Denominational:										
Adrian College	Albion	Samuel Dickie	1861	29	535	502	36	1,100	23,500	500
Albion College	Alma	Harry Means Crooks	1887	21	224	212	41	275	26,437	692
Alma College	Berrien Springs	Otto J. Graf	1910	.....	235	130	34	245	6,050	1,000
Emanuel Missionary College	Hillsdale	Joseph W. Mauck	1855	24	457	378	29	1,364	24,000	521
Hillsdale College	Holland	Rev. Arne Vennema	1866	25	480	338	46	607	22,755	755
Hope College	Kalamazoo	Herbert Lee Stetson	1855	16	253	236	38	720	13,296	722
Kalamazoo College	Olivet	Thomas F. Kane	1859	19	168	152	33	1,006	35,000	.....
Olivet College	Detroit	William T. Doran	1911	49	568	560	28	462	18,000	450
University of Detroit										
Totals			.....	183	2,920	2,508	285	5,779	169,038	4,640
Academies and Seminaries:										
Academy of the Ladies of the Loretto	Sault Ste. Marie	Mother M. Editha	1898	9	210	201	2	67	1,600	33
Academy of the Sacred Heart	Detroit	Alice Power	1850	13	102	102	.....	.....	3,611	86
Academy of the Sacred Heart	Grosse Pointe Farms	Adelaide Smith	1885	13	76	67	5	90	3,498	69
Benzonia Academy										
The Liggett School	Detroit	Ella M. Liggett	1882	40	330	325	23	566	5,000	50
Holy Rosary Academy	Bay City	Sister M. Alphonsus	.....	10	80	78	6	34	1,600	100
Nazareth Academy	Kalamazoo	Sister M. Agatha Gauley	1897	25	287	210	12	67	9,000	250
St. Mary's College and Academy	Monroe	Mother M. Michtildis	1890	38	386	329	23	424	12,403	300
St. Mary's School	Sault Ste. Marie	M. M. St. Maurus	1898	8	389	389	32	169	534	12
Seminary of the Felician Sisters	Detroit	Mother Antonina Omernik	1882	8	64	33	7	254	2,369	60
Spring Arbor Seminary										
Theological School and Calvin College										
Ursuline Academy	St. Ignace	Mother M. Augustine	1899	13	144	144	2	40	.....	100
Totals			.....	177	2,068	1,878	112	1,711	39,615	1,060

Professional Schools:										
Detroit College of Law	Detroit	Philip H. Gray	1891	28	220	175	45	1,100	2,500	2,500
Detroit College of Medicine and Surgery										
Grand Rapids Veterinary College	Grand Rapids	Colon C. Lillie	1897	11	133	75	31	509		
Totals				39	353	250	76	1,609	2,500	2,500
Schools with Normal and Business Courses:										
Cedar Lake Academy	Cedar Lake	J. J. Irwin	1899	4	60	48	15	85	525	25
Cleary Business College	Ypsilanti									
Detroit Technical Institute	Detroit	Philip H. Gray	1909	56	2,290	2,194	95	89	640	40
Ferris Institute	Big Rapids	W. N. Ferris		30	2,029	1,904	272		2,500	100
Jackson Business University	Jackson									
*Lansing Business University	Lansing	Chas. E. Ebersol		5	250	244			2,000	10
Ludington Business College	Ludington	W. H. Martindill		1	45	45				
Michigan Business and Normal College	Battle Creek									
Parson's Business College	Kalamazoo									
Totals				96	4,674	4,435	382	174	5,665	175

*Not incorporated.

TABLE XXVI

Financial statistics of educational institutions compiled from reports of officers for the academic year 1915-1916

Name of institution	Annual cost of tuition per student	Average cost of board per week	Total average annual cost of each student (to the student)	Total average annual cost of each student to the state	Estimated value of grounds, buildings, library, apparatus, etc	Amount of productive funds	Income from productive funds	Amount of legislative appropriation for 1916	Receipts from tuition fees during the year	Receipts from all other sources	Current expenses for the year	Expenses for permanent improvements	Liabilities
ESTABLISHED BY ACTS OF LEGISLATURE													
Educational:													
Central Michigan Normal School	$18 00	$3 00	$175 00	$80 23	$492,819 17			$95,000 00	$7,215 00	$1,034 61	$103,262 04	$31,546 79	$1,742 75
Michigan Agricultural College	15 00	3 00	300 00		1,510,000 00	$994,525 32	$71,391 56		3,937 50	579,825 96	651,097 47	27,000 00	
Michigan College of Mines	25 00 150 00	5 00	550 00 700 00	580 35	780,284 27			65,000 00	11,128 00	3,846 46	79,974 46		
Michigan State Normal College	15 00 30 00	3 00	225 00	92 00	787,382 50		5,391 96	200,000 00	33,383 09	205,391 96	238,775 05	53,365 00	
Northern State Normal School	15 00	4 50	210 00	94 00	390,079 86			64,500 00	8,363 00	139 05	73,002 05	13,931 36	
University of Michigan	65 90	6 00	500 00	146 79	7,143,758 25	1,013,290 66	63,646 54	1,059,030 00	475,486 58	642,513 49	1,722,279 74	289,096 64	
Western State Normal School	15 00 30 00	4 00	200 00	81 00	500,000 00			130,000 00	17,502 23		147,502 25	35,000 00	
Charitable:													
Industrial Home for Girls		1 01		147 78	285,000 00		4,566 37	84,000 00		198 82	87,672 28	17,599 59	4,900 00
Industrial School for Boys				140 85	479,374 71			113,000 00		14,344 48	125,476 77	7,259 76	2,117 46
Michigan School for the Blind													
Michigan School for the Deaf		1 92		279 41	359,480 00			95,000 00		29,760 95	122,557 80	10,934 01	2,200 00
State Public School		1 35		226 24	335,855 16	4,556 57	192 01	50,000 00		5,859 62	50,000 00	54,270 88	
INCORPORATED UNDER ACT 39, SESSION LAWS OF 1855, OR CHAPTER 218 OF COMPILED LAWS													
Denominational:													
Adrian College													
Albion College	50 00	3 00	342 00		330,200 00	406,734 09	23,020 45		33,951 66	8,353 32	61,646 18	34,584 27	23,800 00
Alma College	40 00	3 25	320 00		203,048 22	401,240 26	21,016 90		9,870 25	7,336 84	35,766 70		9,100 00
Emanuel Missionary College	54 00	8 50	180 00		122,934 18				9,673 88	50,408 67	63,552 26		9,917 68
Hillsdale College	42 50	3 00	400 00		175,732 22	371,207 86	16,680 77		13,113 11	4,468 00	34,261 67		22,325 46
Hope College	24 00	3 00	225 00		250,000 00	338,247 66	21,259 62		7,250 00	11,720 85	40,033 32		38,072 24
Kalamazoo College	46 00	3 50	164 08		211,830 00	598,843 76	31,877 14		10,011 69	103,992 67	41,512 08	976 00	754 48
Olivet College	75 00	3 25	250 00		250,000 00	57,564 92	3,463 20		12,276 47	29,050 92	37,599 55	2,500 00	50,372 57
University of Detroit	75 00	5 00	600 00		500,000 00	100,000 00	7,500 00		30,421 00	145,000 00	31,000 00	160,000 00	

Professional Schools:										
Detroit College of Law	Detroit	Philip H. Gray	1891	28	220	175	45	1,100	2,500	2,500
Detroit College of Medicine and Surgery										
Grand Rapids Veterinary College	Grand Rapids	Colon C. Lillie	1897	11	133	75	31	509		
Totals				39	353	250	76	1,609	2,500	2,500
Schools with Normal and Business Courses:										
Cedar Lake Academy	Cedar Lake	J. J. Irwin	1899	4	60	48	15	85	525	25
Cleary Business College	Ypsilanti									
Detroit Technical Institute	Detroit	Philip H. Gray	1909	56	2,290	2,194	95	89	640	40
Ferris Institute	Big Rapids	W. N. Ferris		30	2,029	1,904	272		2,500	100
Jackson Business University	Jackson									
*Lansing Business University	Lansing	Chas. E. Ebersol		5	250	244			2,000	10
Ludington Business College	Ludington	W. H. Martindill		1	45	45				
Michigan Business and Normal College	Battle Creek									
Parson's Business College	Kalamazoo									
Totals				96	4,674	4,435	382	174	5,665	175

*Not incorporated.

TABLE XXVII

Special report of day schools for the deaf for the school year 1915-1916

Location	Number of teachers employed	Number of pupils enrolled	Total day's attendance	Average number belonging	Actual cost of school
Totals	32	266	36,564	213	$31,167 45
Bay City	2	12	1,942	10.7	$1,660 00
Calumet	2	14	2,368	13	2,000 00
Detroit	11	123	14,148 5	89.7	11,499 75
Grand Rapids	6	29	4,579	25	5,284 93
Houghton	1	7	1,275	7.8	900 00
Iron Mountain	1	4	775	4	900 00
Ironwood	1	8	1,181	6.6	1,200 00
Jackson	1	8	1,519	8	1,050 00
Kalamazoo	1	5	664	3.6	894 25
Lansing	1	9	1,303	7	1,110 00
Manistee	1	10	1,235.5	6.8	927 00
Marquette	1	5	816	4.5	900 00
Saginaw	1	10	1,437	7.9	950 00
Sault Ste. Marie	1	16	2,449.5	13.6	1,203 02
Traverse City	1	6	871.5	4.8	688 50

TABLE XXVIII

Special report of county normal training classes for the school year of 1915-1916

Counties	Number of teachers	Amount paid teachers	Number of graduates	Average age of graduates	Number of students who are graduates of a 12 grade school
Totals	98	$79,777 50	759	19	461
Allegan	2	$1,500 00	18	19	15
Antrim	2	1,625 00	14	19	11
Arenac	2	1,500 00	17	19	5
Barry	2	1,600 00	26	19	5
Benzie	2	1,675 00	11	20	7
Berrien	2	1,550 00	15	19	14
Branch	2	1,150 00	16	18	7
Calhoun	2	1,750 00	15	20	11
Cass	2	1,850 00	21	19	17
Charlevoix	2	1,925 00	12	19	8
Cheboygan	2	1,600 00	15	20	7
Clinton	2	1,750 00	14	18	6
Eaton	2	1,500 00	15	19	14
Emmet	2	1,650 00	10	20	6
Genesee	2	1,800 00	20	19	19
Gladwin	2	1,550 00	9	24	1
Grand Traverse	2	1,900 00	23	20	14
Gratiot	2	1,650 00	9	19	8
Ingham	2	1,600 00	24	19	21
Ionia	2	1,600 00	25	19	13
Iosco	2	1,450 00	23	18	5
Kalkaska	2	1,285 00	15	19	4
Lapeer	2	1,750 00	13	19	9
Lenawee	2	1,575 00	16	19	14
Macomb	2	1,450 00	16	19	7
Manistee	2	1,900 00	25	19	22
Mason	2	1,700 00	19	19	9
Mecosta	2	1,700 00	19	19	0
Menominee	2	1,892 50	10	19	6
Midland	2	1,750 00	10	19	4
Missaukee	2	1,600 00	12	20	8
Monroe	2	1,650 00	7	19	3
Montcalm	2	1,500 00	15	18	8
Montmorency	2	1,500 00	10	18	1
Muskegon	2	1,950 00	12	18	8
Newaygo	2	1,800 00	14	20	11
Oakland	2	1,850 00	17	20	16
Oceana	2	1,550 00	12	19	10
Ogemaw	2	1,600 00	11	18	2
Ontonagon	2	1,700 00	10	19	7
Osceola	2	1,700 00	13	19	8
Ottawa	2	1,700 00	7	19	3
Saginaw	2	1,725 00	19	19	11
Sanilac	2	1,500 00	23	19	10
St. Clair	2	1,675 00	24	19	16
Shiawassee	2	1,600 00	19	19	11
Tuscola	2	1,400 00	19	20	15
Van Buren	2	950 00	6	19	6
Wexford	2	1,650 00	14	18	8

TABLE XXIX

Children who are blind or have defective vision

Counties	Cities	County	Total
Totals	153	256	409
Alcona		5	5
Alger			0
Allegan		5	5
Alpena		2	2
Antrim		2	2
Arenac			0
Baraga			0
Barry		4	4
Bay	7	11	18
Benzie			0
Berrien	3	6	9
Branch		10	10
Calhoun	2	1	3
Cass		4	4
Charlevoix		3	3
Cheboygan	4	3	7
Chippewa	3	8	11
Clare			
Clinton		2	2
Crawford			
Delta		2	2
Dickinson			
Eaton	3	7	10
Emmet		4	4
Genesee	5	3	8
Gladwin		4	4
Gogebic	3		3
Grand Traverse		5	5
Gratiot		5	5
Hillsdale		7	7
Houghton	7	2	9
Huron		3	3
Ingham	13	5	18
Ionia		3	3
Iosco		2	2
Iron	2	1	3
Isabella		5	5
Jackson	5		5
Kalamazoo	3	6	9
Kalkaska		1	1
Kent	27	7	34
Keweenaw		1	1
Lake			
Lapeer		3	3
Leelanau		3	3
Lenawee	3	6	9
Livingston		2	2
Luce			
Mackinac	2		2
Macomb	1	1	2
Manistee		1	1
Marquette	4	1	5
Mason		2	2
Mecosta		4	4
Menominee		2	2
Midland		2	2
Missaukee			
Monroe	4	1	5
Montcalm		8	8
Montmorency			

TABLE XXIX—*Concluded*

Counties	Cities	County	Total
Muskegon	11	1	12
Newaygo	.....	4	4
Oakland	4	6	10
Oceana	.....	7	7
Ogemaw	.....	5	5
Ontonagon	.....	.....	.....
Osceola	.....	1	1
Oscoda	.....	.....	.....
Otsego	.....	.....	.....
Ottawa	.....	5	5
Presque Isle	1	1	2
Roscommon	.....	3	3
Saginaw	5	6	11
St. Clair	1	5	6
St. Joseph	1	2	3
Sanilac	.....	2	2
Schoolcraft	.....	.....	.....
Shiawassee	2	.....	2
Tuscola	.....	6	6
Van Buren	.....	9	9
Washtenaw	1	3	4
Wayne	25	14	39
Wexford	1	1	2

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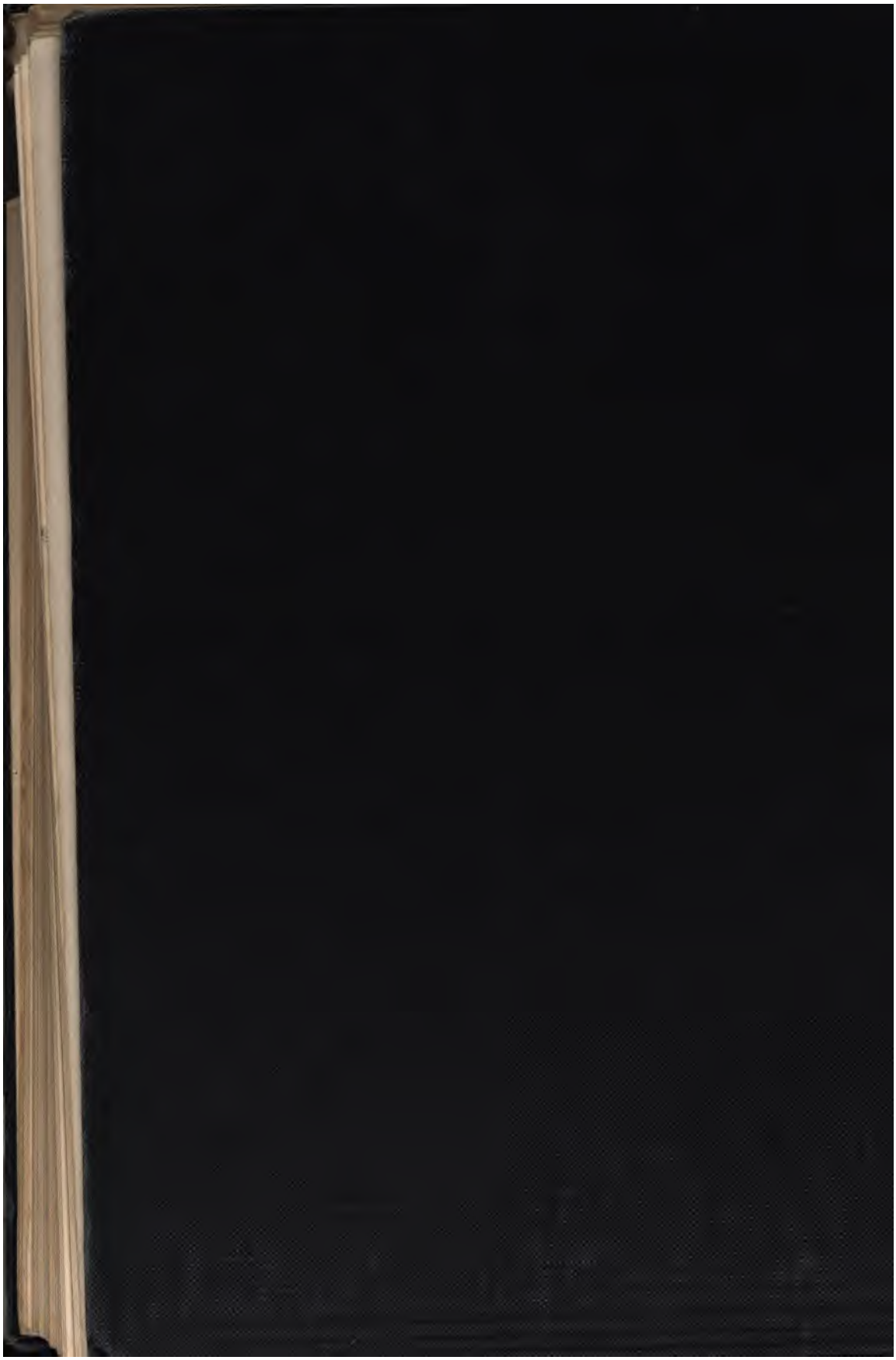
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